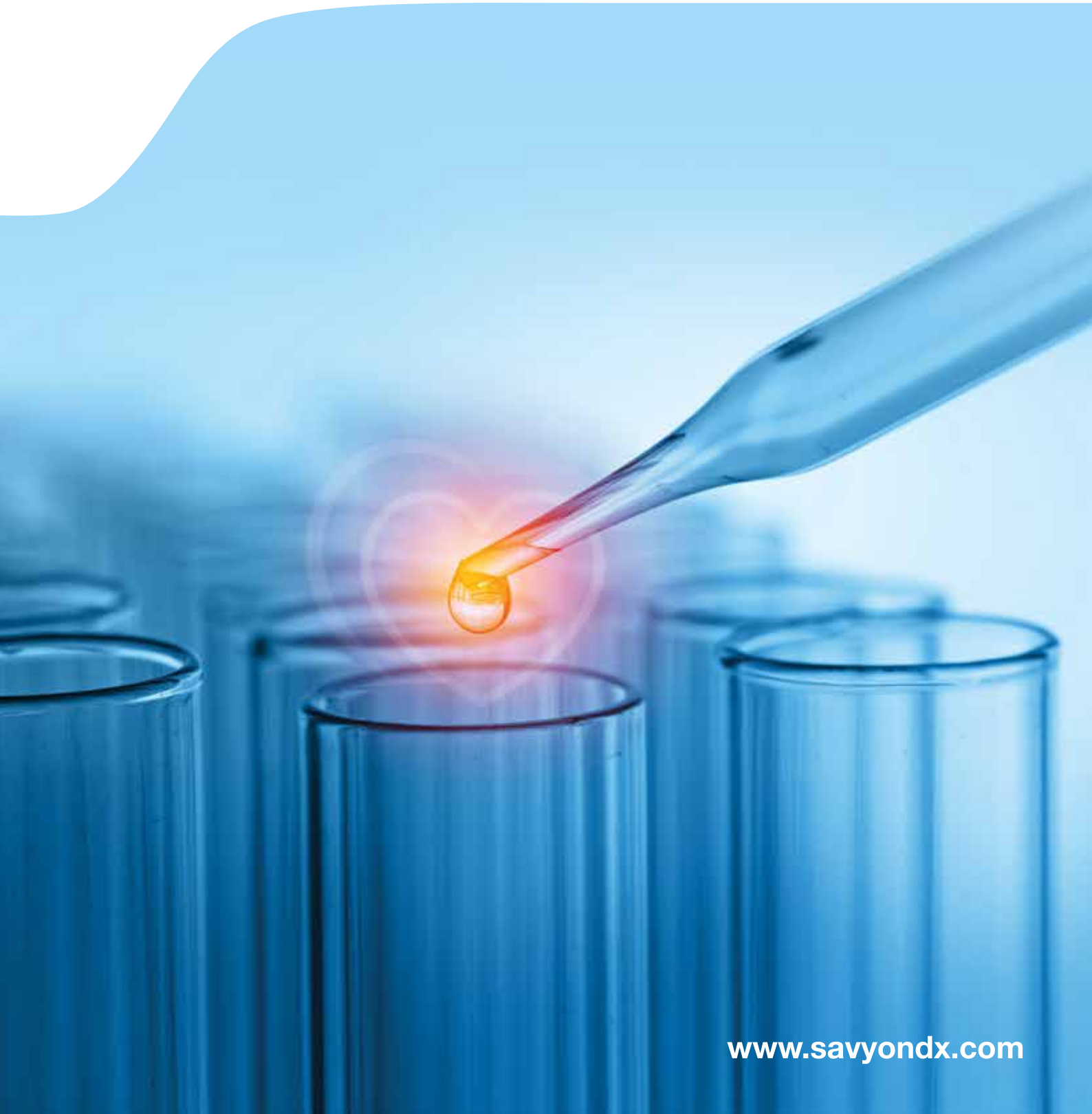
savyon DIAGNOSTICS
member of the gamida diagnostics division

official distributor

SZABO-SCANDIC
HandelsgmbH & Co KG
Quellenstraße 110, A-1100 Wien
T. +43(0)1 489 3961-0
F. +43(0)1 489 3961-7
mail@szabo-scandic.com
www.szabo-scandic.com

SZABO SCANDIC

Product Catalog



www.savyondx.com

Company Profile

Savyon Diagnostics develops, manufactures and markets high quality diagnostic kits and systems for the detection of Infectious Diseases and Genetic Screening for more than 35 years through a worldwide network of over 80 distributors.

Savyon Diagnostics tests are based upon various immunological and molecular biology techniques (ELISA, Lateral Flow, RT-PCR, Micro Arrays, MIF, IPA and others). The company possesses the unique “know how” of producing quality core biologicals including: antigens, antibodies and nucleic acid-based probes, while using cutting edge technologies to manufacture the products to the high standards that laboratories and research institutions have come to depend upon.

Savyon Diagnostics is accredited with the highest international quality standards of research, development and manufacture, including ISO 13485/2016. The company’s products are all CE-IVD certified and those products sold in the USA, China, Brazil, Mexico and Australia are FDA, CFDA, ANVISA, COFERIS and TGA approved, respectively.

Most of Savyon Diagnostics products are developed by our experienced and skilled R&D team who maintain close relationships with international key opinion leaders and academic institutions. Building on its innovative R&D capabilities, Savyon Diagnostics has introduced the novel bench-top microarray system the NanoChip®XL analyzer that enables fully automated high throughput testing of DNA/RNA.

Building upon our excellence in research, development and manufacturing, Savyon Diagnostics also offers contract development and manufacturing services. Numerous successful development and manufacturing projects have been completed or are currently ongoing with companies varying from startups to medium and large multinational enterprises.

Catalog Contents

ELISA	page 3
MIF/IPA	page 6
Rapid Tests	page 7
Real-Time PCR	page 11
NanoCHIP® Microarray	page 13
DNA/RNA Extraction	page 17
Contract Manufacturing & Development Services	page 18

ELISA

INTRODUCTION

Savyon Diagnostics offers a comprehensive line of Enzyme-Linked Immunosorbent Assays (ELISA) for clinical diagnostic use. Assays include our globally recognized line of infectious serology tests (The Sero Line), a wide range of direct antigen capture ELISA tests for enteric pathogens (The Copro Line), and our unique Haptoglobin typing ELISA for assessing the risk of cardiovascular complications in diabetic patients.

Features:

- Superior clinical and analytical performance
- Proprietary state of the art core biologicals – Antigens, antibodies and enzyme conjugates
- Ready-to-use color-coded unified reagents
- Automation compatibility with all common ELISA processors
- Short and unified running protocols
- Convenience - Based on break-apart 8 wells strip format, equally suited for both high or low volume use
- For quantitative or semi-quantitative assays - Built-in controls for standard curve

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
SeroCT	ELISA for qualitative detection of serum **IgG** and **IgA** antibodies to ***Chlamydia trachomatis***	Peptide-based antigens • Species-specific • Highly specific and sensitive • Simple interpretation of results • 87% and 91% agreement with MIF (gold standard) for IgG and IgA respectively **Serum**	IgG 96T	A181-01	CE_{0483}
			IgG 192T	B181-01	
			IgA 96T	A183-01	
			IgA 192T	B183-01	
SeroCT-RT	ELISA for qualitative detection of serum **IgG** and **IgA** antibodies to ***Chlamydia trachomatis*** (Shorter procedure, incubations at ambient temperature, Ready to use conjugate)	All features of SeroCT plus: Only 30 min incubations at ambient temperature • Ready to use conjugate • For IgG - 95%/100% sensitivity/specificity as compared with MIF • For IgA - 100% sensitivity & specificity as compared with MIF **Serum**	IgG 96T	A1181-01	CE_{0483}
			IgA 96T	A1183-01	
SeroCP	ELISA for qualitative detection of serum **IgG**, **IgM** and **IgA** antibodies to ***Chlamydia pneumoniae***	Highly purified *C. pneumoniae* (TWAR-183) elementary bodies as antigens • Species-specific • For IgG - 95%/97% sensitivity/specificity as compared with MIF (gold standard) • For IgM - 91%/95% sensitivity/specificity as compared with MIF • For IgA - 98%/97% sensitivity/specificity as compared with MIF **Serum**	IgG 96T	A191-01	CE_{0483}
			IgG 192T	B191-01	
			IgM 96T	A192-01	
			IgM 192T	B192-01	
			IgA 96T	A193-01	
			IgA 192T	B193-01	
SeroCP-RT	ELISA for qualitative detection of serum **IgG**, **IgM** and **IgA** antibodies to ***Chlamydia pneumoniae*** (Shorter procedure, incubations at ambient temperature, Ready to use Conjugate)	All features of SeroCP plus: Only 30 min incubations at ambient temperature • Ready to use conjugate • For IgG - 91%/94% sensitivity/specificity as compared with SeoCP Quant • For IgM - 100%/98.4% sensitivity/specificity as compared with SeroCP • For IgA - 98%/97% sensitivity/specificity as compared with **Serum**	IgG 96T	A1191-01	CE_{0483}
			IgM 96T	A1192-01	
			IgA 96T	A1193-01	
SeroCP Quant	ELISA for semi-quantitative determination of serum **IgG** and **IgA** antibodies to ***Chlamydia pneumoniae***	All features of SeroCP plus: A set of 3 calibrators (P10, P50 and P100) allow for semi-quantitative determination of results (as expressed in BU/mL) • Results can be correlated with endpoint titer results as expressed in SeroFIA • 97% and 94% agreement with SeroCP for IgG and IgA, respectively **Serum**	IgG 96T	A291-01	CE_{0483}
			IgA 96T	A293-01	

Product	Description	Features **Sample Type**	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
SeroELISA	ELISA for qualitative detection of serum **IgG**, **IgM** and **IgA** antibodies to ***Chlamydia genus***	Based on purified L2 serovar MOMP antigen • *Chlamydia* genus-specific • Highly sensitive • Simple interpretation of results • Ready to use conjugate • For all antibody classes - 95% agreement with IPAzyme **Serum**	IgG 96T	A111-01	FDA CE$_{0483}$
			IgM 96T	A112-01	CE$_{0483}$
			IgA 96T	A113-01	FDA CE$_{0483}$
SeroMP	ELISA for semi-quantitative determination of serum **IgG**, **IgM** and **IgA** antibodies to ***Mycoplasma pneumoniae***	Based on highly purified *M. pneumoniae* native antigen enriched with the pathogenic-state P1 adhesin • A set of 3 calibrators (P10, P50 and P75) allows for semi-quantitative determination of results (as expressed in BU/mL) • Ready to use conjugate • For IgG - 95%/100% sensitivity/specificity as compared with consensus results (2 commercial assays) • For IgM - 98%/96% sensitivity/specificity as compared with concensus • For IgA - 92%/80% sensitivity/specificity as compared with concensus **Serum**	IgG 96T	A261-01	FDA CE
			IgG 192T	B261-01	
			IgM 96T	A262-01	
			IgM 192T	B262-01	
			IgA 96T	A263-01	
			IgA 192T	B263-01	
SeroPertussis	ELISA for semi-quantitative determination of serum **IgG** antibodies, and qualitative determination of **IgA/IgM** antibodies to ***Bordetella pertussis***	Based on highly purified *B. pertussis* native antigen enriched with pertussis toxin and FHA • A set of 3 calibrators (P10, P50 and P75) allows for semi-quantitative determination of IgG (as expressed in BU/mL) • Can detect both *B. pertussis* and *B. parapertussis* **Serum**	IgG 96T	A231-01	CE
			IgA/IgM 96T	A233-01	
SeroPertussis Toxin	ELISA for quantitative determination of serum **IgG** and **IgA** antibodies to ***Bordetella pertussis Toxin***	Based on highly purified *B. pertussis* Toxin as antigen • Specific for *B. pertussis* and does not react with *B. parapertussis* • A set of 3 calibrators (C30, C60 and C120), calibrated according to the WHO International Standard (NIBSC Code 06/140) allows for quantitative determination of IgG and IgA (as expressed in IU/mL) **Serum**	IgG 96T	A1231-01	CE
			IgA 96T	A1233-01	
Haptoglobin Typing ELISA	ELISA for qualitative detection of **Haptoglobin phenotypes** (Hp 1-1, Hp 2-1, or Hp 2-2) in human serum/plasma of diabetic patients as an aid in predicting risk of coronary arterial and cardiovascular disease	The only available EIA for high-throughput Haptoglobin phenotyping • Based on patented monoclonal antibodies which differentialy bind to the different Hp isomers • A highly valuable tool for prognosis of CVD risk in diabetic patients and as a pharmacogenetic tool to assess the benefit of high dose vitamin E in such patients • Manual and automated protocols • Ready to use reagents • 98%/99% sensitivity/specificity for Hp 1-1, and Hp 2-1, 100%/99.5% sensitivity/specificity for Hp 2-2 as compared with standard electrophoretic techniques **Serum/Plasma**	96T	710-01	CE

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
CoproELISA Blastocystis	ELISA for detection of ***Blastocystis spp.***	The only available EIA for detection of *Blastocystis* • Based on polyclonal and monoclonal antibodies to a mixture of pathogenic *Blastocystis* subtypes • No cross-reactivity with other enteric pathogens • Manual and automated protocols • Ready to use reagents • 92%/87% sensitivity/specificity as compared with a consensus of IFA/microscopy **Fecal Sample**	96T	714-01	CE
CoproELISA Giardia	ELISA for detection of ***Giardia lamblia***	• Based on monoclonal antibodies to *Giardia* cell wall protein (CWP) • No cross-reactivity with other enteric pathogens • Manual and automated protocols • Ready to use reagents • 95%/98%/96%/98% sensitivity/specificity/PPV/NPV as compared with microscopy **Fecal Sample**	96T	724-01	CE
CoproELISA Cryptosporidium	ELISA for detection of ***Cryptosporidium spp.***	• Based on polyclonal and monoclonal antibodies to Cryptosporidium COWP1 antigen • Detects both *C. parvum* and *C. hominis* • No cross-reactivity with other enteric pathogens • Compatible for both human and veterinary diagnostics • Manual and automated protocols • Ready to use reagents • 98%/100% sensitivity/specificity as compared with a concensus of microscopy, EIA and PCR **Fecal Sample**	96T	734-01	CE
CoproELISA Giardia / Cryptosporidium	ELISA for detection of ***Giardia lamblia*** and ***Cryptosporidium spp.***	• All features of products 724-01 and 734-01 above allowing for simultanious detection of *Giardia lamblia* and *Cryptosporidium spp.* without differentiation • Overall sensitivity/specificity of 93%/100%, respectively **Fecal Sample**	96T	744-01	CE
CoproELISA Entamoeba	ELISA for detection of ***Entamoeba histolytica/ dispar***	• Based on polyclonal and monoclonal antibodies to *Entamoeba histolytica* antigen • Detects both *E. histolytica* and *E. dispar* with no differentiation • No cross-reactivity with other enteric pathogens • Manual and automated protocols • Ready to use reagents • 95%/100% sensitivity/specificity as compared with commercial EIA • 88%/95% sensitivity/specificity as compared with a concensus of microscopy and PCR **Fecal Sample**	96T	754-01	CE
CoproELISA H. pylori	ELISA for detection of ***Helicobacter pylori***	• Based on monoclonal antibodies to *H. pylori* • Compatible with a variety of common preservatives (including formalin and SAF • No cross-reactivity with other enteric pathogens • Manual and automated protocols • Ready to use reagents • 96% agreement as compared with commercial FDA-approved EIA **Fecal Sample**	96T	774-01	CE
CoproELISA C. difficile GDH	ELISA for detection of ***Clostridium difficile Glutamate Dehydrogenase (GDH)***	• Based on monoclonal antibodies to *C. difficile GDH* • No cross-reactivity with other enteric pathogens • Manual and automated protocols • Ready to use reagents • 97%/96% sensitivity/ specificity as compared with commercial FDA-approved EIA **Fecal Sample**	96T	784-01	CE
CoproELISA C. difficile Tox A/B	ELISA for detection of ***Clostridium difficile Toxins A and B***	• Based on polyclonal antibodies to *C. difficile Toxins A and B* • No cross-reactivity with other Clostridial toxins or monoglucosyl transferases • Manual and automated protocols • Ready to use reagents • 100%/98% sensitivity/specificity as compared with commercial FDA-approved EIA **Fecal Sample**	96T	794-01	CE

MIF/IPA

INTRODUCTION

Savyon Diagnostics SeroFIA™ and IPAzyme Microimmuoassays offers a gold standard detection method for determination of IgG, IgM and IgA antibodies to Chlamydia species.

Features:

- Superior clinical and analytical performance
- Proprietary state of the art biological antigens, antibodies and enzyme or fluorophore conjugates
- Convenient slide design

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
SeroFIA	"Semi-quantitative Microimmunofluorescence Assay (MIF) for the differential determination of ***C. pneumoniae***, ***C. trachomatis*** and ***C. psittaci*** specific **IgG**, **IgM** or **IgA** antibodies"	The "gold-standard" in Chlamydia serodiagnostics • Species or antibody isotype-specific assays • Results expressed in endpoint titer • Convenient slide design • Excellent correlation with semi-quantitative ELISA tests • 93%/93%/100% agreement with reference commercial MIF for *C. trachomatis*, *C. pneumoniae* and *C. psittaci*, respectively • 99%/97%/100% agreement with reference commercial MIF for IgG, IgM and IgA, respectively **Serum**	IgG 105T	511-01	CE_{0483}
			IgM 105T	512-01	
			IgA 105T	513-01	
			C.ps 105T	570-01	
			C.tr 105T	580-01	
			C.pn 105T	590-01	
IPAzyme	Indirect Immunoperoxidase Assay (IPA) for the detection and titration of anti ***Chlamydia*** specific **IgG**, **IgA** and **IgM** antibodies in human serum	Does not require fluorescence microscope • Highly sensitive • Allows for examination determination and titration of Chlamydial antigen while perserving cellular morphology for examination **Serum**	IgG/IgA 144T	011-01	CE_{0483}
			IgM 96T	012-01	

Rapid Tests

INTRODUCTION

Savyon Diagnostics offers a wide portfolio of rapid tests for professional and self-use.
We offer a wide range of tests for upper and lower respiratory tract infections, gastrointestinal pathogens, sexually-transmitted infections, urinary tract infections as well as tests for self- or professional assessment indications associated with women's health.

Features:

- Rapid Lateral Flow Immunochromatographic Assay (LFIA) & Enzymatic (Uriscreen) test
- Reliable results
- Literature-supported superior performance
- Simple and rapid operation
- Minimal (1-2 min) hands-on time
- Sample collection disposables included (e.g., swabs, vials, pipettes)
- Integrated and/or external controls
- Long shelf life
- Clear cut visual interpretation
- No need for instrumentation
- Selected combo tests for multiple targets
- CE-IVD
- Affordable
- Results obtained in 10 min

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
Coprostrip C. difficile GDH+ToxA+ToxB	Rapid combo test for simultaneous detection of ***C. difficile GDH***, **Toxin A** and **Toxin B**	**LFIA** • 3-in-1: Simultanous detection of GDH, Toxin A and Toxin B allowing for screening in confirmation of CDAD in one test • Differentiation of Toxin A and Toxin B - allowing for differentiation of hypervirulent strains • Compatible to the guidelines recommendation of GDH screening in combination with toxin testing to improve sensitivity • No cross reactivity with other enteric pathogens or other clostridial glycosyltransferases • Over 99% agreement with commercial rapid test for detection of C. difficile GDH and toxins **Fecal Sample**	20T	41220	CE
Coprostrip C. difficile Positive Control Set	**External Quality Control** Set for Coprostrip ***C. difficile*** **GDH+ToxA+ToxB** (Catalog # 41220)	Ready to Use Positive control set for GDH, Toxin A and Toxin B • Easy to use - supplied in dropper bottles • Sufficient for 20 individual tests for each parameter • Compatible with EU guidelines for laboratory external quality control **Ready to Use Control Set**	20T	41220-10	CE
Coprostrip C. difficile GDH	Rapid test for detection of ***C. difficile*** **Glutamate Detydrogenase** (GDH)	**LFIA** • No cross reactivity with other enteric pathogens • Over 99% agreement with commercial rapid test for detection of C. difficile GDH • Over 99% agreement with CoproELISA C. difficile GDH (Catalog # 784-01) **Fecal Sample**	20T	41222	CE
Coprostrip C. difficile Toxins A&B	Rapid test for detection of ***C. difficile*** **Toxins A & B**	**LFIA** • 2-in-1: Simultanous detection of Toxin A and Toxin B allowing for determination of toxinogenic CDAD in one test • Differentiation of Toxins A and B allowing for differentiation of hypervirulent strains • No cross reactivity with other enteric pathogens or other clostridial glycosyltransferases • Over 99% agreement with commercial rapid test for detection of C. difficile toxins • Over 99% agreement with CoproELISA C. difficile Tox A/B (Catalog # 794-01) **Fecal Sample**	20T	41223	CE
Coprostrip H. pylori	Rapid test for detection of ***H. pylori antigen*** in stool samples	**LFIA** • No cross reactivity with other enteric pathogens • 94% sensitivity and 99% specificity as compared with commercial ELISA test for detection of H. pylori stool antigen (HpSA) **Fecal Sample**	20T	41221	CE

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
Coprostrip H. pylori Positive control	**External Quality Control for** Coprostrip ***H. pylori*** (Catalog # 41221)	Ready to Use Positive control set for Coprostrip H. pylori • Easy to use - supplied in a dropper bottle • Sufficient for 20 individual tests • Compatible with EU guidelines for laboratory external quality control **Ready to Use Control Set**	20T	41221-10	CE
H. pylori Saliva Test	Rapid test for detection of ***H. pylori*** antigen in salivary fluid	**LFIA** • Can be used in a POC setup • No need to send out samples and wait for results; inform the patient immediately • No cross reactivity with other oral or enteric pathogens • >99% sensitivity and 96% specificity as compared with Urea Breath Test (UBT) **Saliva**	10T	41121	CE
Coprostrip Giardia	Rapid test for detection of ***Giardia lamblia***	**LFIA** • No cross reactivity with other enteric pathogens • >99% agreement with microscopic examination of wet mounts **Fecal Sample**	20T	41217	CE
Coprostrip Cryptosporidium	Rapid test for detection of ***Cryptosporidium spp.***	**LFIA** • No cross reactivity with other enteric pathogens • >99% agreement with microscopy **Fecal Sample**	20T	41218	CE
Coprostrip Giardia / Cryptosporidium	Rapid test for differential detection of ***Giardia lamblia*** and ***Cryptosporidium spp.***	**LFIA** • Simultaneous differential detection of giardia and Cryptosporidium • Test line and control line in different color • No cross reactivity with other enteric pathogens • >97%/99% sensitivity/ specificity for Giardia and 99%/99% sensitivity/ specificity for Cryptosporidium as compared with microscopy **Fecal Sample**	20T	41219	CE
Quickstripe Rotavirus	Rapid test for detection of ***Rotavirus***	**LFIA** • Test line and Internal control line in different colors • No cross reactivity with other enteric pathogens • 99%/98% sensitivity/specificity as compared to a commercial ELISA test **Fecal Sample**	25T	41205	CE
Quickstripe Adeno/Rota	Rapid test for differential detection of enteric ***Adenovirus*** and ***Rotavirus***	**LFIA** • Simultanous differential detection of both enteric Adenovirus and Rotavirus • Each test line and Internal control line in different colors • No cross reactivity with other enteric pathogens (incl pther enteric viruses e.g., Norovirus GI/II and Astrovirus) or other non-enteric Adenoviruses • 95%/100% agreement for Adenovirus/Rotavirus as compared with a commercial rapid immunoassay **Fecal Sample**	25T	41207	CE
Quickstripe Chlamydia Ag	Rapid test for detection of ***Chlamydia trachomatis*** specific antigen	**LFIA** • No cross reactivity with other STIs or with other chlamydial species • LoD = 1x10E5 Chlamydia EB/test • As compared vs. a commercial rapid immunoassay (INSTALERT) the test exhibits 97%/98% sensitivity/specificity for female cervical swabs, 98%/97% sensitivity/ specificity for male urethral swabs, and 99%/94% sensitivity/specificity for urine samples **Urine, Cervical or Urethral Swab**	20T	41101	CE_{0483}
Quickstripe Chlamydia Ag with Positive Control	Rapid test for detection of ***Chlamydia trachomatis*** specific antigen **(External Positive Control Incl.)**	All features as in 41101 • External Positive control Reagent for Laboratory quality control Included in the kit **Urine, Cervical or Urethral Swab**	20T	41115	CE_{0483}

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
Quickstripe Hepatitis B	Rapid test for detection of ***Hepatitis B*** surface antigen *(HBSAg)*	**LFIA** • User-Friendly - setup time <1 min • LoD = 5 ng/mL in 15 min and 1 ng/mL in 30 min • As compared vs. a commercial EIA, the test exhibits >99% sensitivity and 97% specificity **Serum/Plasma**	20T	41104	
HIVSav 1/2/O Rapid SeroTest	Rapid test for detection of antibodies to Human ***Immunodeficiency Virus (HIV) type 1, type 2, and Subtype O***	**LFIA** • As compared vs. a commercial ELISA and/or Western Blot the test exhibits >99.9% sensitivity and 99.8% specificity (N>3,300) **Whole Blood / Serum / Plasma**	40T	41112	
Quickstripe Strep A	Rapid test for detection of ***Group A Streptococcus*** pyogenes antigen	**LFIA** • No cross reactivity with a broad list of other respiratory pathogens • Includes external positive and negative controls • LoD = 1X10E4 CFU • As compared with culture, the test exhibits >98% sensitivity and specificity **Pharyngeal Swab**	20T	41202	CE
Quickstripe Legionella pneumophila	Rapid test for detection of ***Legionella pneumophila*** antigen	**LFIA** • No cross reactivity with a broad list of other pathogens • As compared with a commercial FDA-approved EIA for Legionella urinary antigen the test exhibits >98% sensitivity and >99.9% specificity **Urine**	20T	41225	CE
Quickstripe Streptococcus pneumoniae	Rapid test for detection of ***Streptococcus pneumoniae* antigen**	**LFIA** • No cross reactivity with Influenza A/B virus or *Adenovirus* as compared with a commercial rapid EIA for detection of S. pneumoniae, the test exhibits >95% sensitivity and 99% specificity **Urine**	20T	41224	CE
Quickstripe Mycoplasma pneumoniae IgM	Rapid test for detection of **IgM** antibodies to ***Mycoplasma pneumoniae***	**LFIA** • No cross reactivity with antibodies to HIV, Hepatitis A, B,C, E or syphillis • As compared with a commercial EIA for M. pneumoniae IgM, the test exhibits >98% sensitivity and >99% specificity **Whole Blood / Serum / Plasma**	20T	41208	CE
Quickstripe Adenovirus	Rapid test for detection of ***Adenovirus* antigen**	**LFIA** • No cross reactivity with influenza A/B or RSV • As compared with two commercial rapid EIAs for respiratory *Adenovirus*, the test exhibits 100% sensitivity and specificity **Nasopharyngeal swab / Wash / Aspirate**	25T	41206	CE
Quickstripe RSV	Rapid test for detection of ***Respiratory Syncytial Virus (RSV)*** antigens	**LFIA** • No cross reactivity with influenza A/B or RSV • As compared with two commercial rapid EIAs for respiratory *Adenovirus*, the test exhibits 100% sensitivity and specificity **Nasopharyngeal swab / Wash / Aspirate**	25T	41209	CE
Quickstripe Strep B	Rapid test for detection of ***Group B Streptococcus (GBS)*** antigens	**LFIA** • As compared with culture, the test exhibits 91% sensitivity and 98% specificity **Vaginal / Rectal / General Swabs**	25T	41216	CE
Quickstripe hCG	Rapid test for detection of **human chorionic gonadotropin (hCG)** at the sensitivity of 25 mIU/mL	**LFIA** • LoD = 25 mIU/mL • As compared with a reference commercial rapid EIA, the test exhibits 100% sensitivity and 100% specificity on both urine and serum (N=72) samples • Cassette format • No cross reactivity or interference by LH (300 mIU/mL), FSH (1,000 mIU/mL), or TSH (1,000 mIU/mL) **Urine / Serum**	25T	41110	CE
PregnanStick	Rapid test strips for detection of **human chorionic gonadotropin (hCG)** at the sensitivity of 25 mIU/mL	**LFIA** • As compared with a reference commercial rapid EIA, the test exhibits 100% sensitivity and 100% specificity on both urine and serum samples • Strip format • No cross reactivity or interference by LH (300 mIU/mL), FSH (1,000 mIU/mL), or TSH (1,000 mIU/mL) **Urine / Serum**	50T/100T	41210	CE

Product	Description	Features **Sample Type**	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
Savvycheck Early Pregnancy Test	Rapid self test for the detection of **human chorionic gonadotropin (hCG)** at the sensitivity of 10 mIU/mL	**LFIA** • For OTC use • Results obtained in 1-3 min • LoD = 10 mIU/mL • Easy to Use midstream test • >99% accuracy **Urine**	1/2T	42015	CE_{0483}
Savvycheck Ovulation Predictor	Rapid self testing for the detection of **Luteinizing Hormone (LH)** as an aid to identify days of probable ovulation	**LFIA** • For OTC use • Results obtained in 1-3 min • Easy to Use midstream test • >99% accuracy **Urine**	7T	42011	CE_{0483}
Savvycheck Vaginal Yeast Infection Test (OTC)	Rapid, easy-to-use, self test for the detection of **vaginal yeast infection (*Candida* species)**	**LFIA** • For OTC use - for self testing of Vaginal Candidiasis: Positive result - self antimycotic treatment (OTC), Negative result - medical consultation • One-step assay • Vaginal swab included • >90% sensitivity vs. microscopy • >85% sensitivity vs. culture • >95% specificity **Vaginal Swab**	1T	42013	CE_{0483}
Savvycheck Vaginal Yeast Infection Test (POC)	Rapid test for the detection of **vaginal yeast infection** (candidda species) for professional use	**LFIA** • All features and characeristics as the OTC version (42013) • A box containing 20 tests for professional (OB/GYN) use **Vaginal Swab**	20T	41013	CE_{0483}
Uriscreen™	Rapid Urinary Tract Infection (UTI) Screen test for the detection of **bacteriuria** and presence of somatic cells	Easy to Use • Results in 10 sec • CE and FDA (OTC/ POC) cleared • CLIA-weaved • LoD = 5X10E4 CFU/mL • Fits POC, OTC, clinical laboratory and veterinary use (large and small animals) • Negative Predictive Value (NPV) >95% **Urine**	20T	101-01	FDA/CE

Real-Time PCR

INTRODUCTION

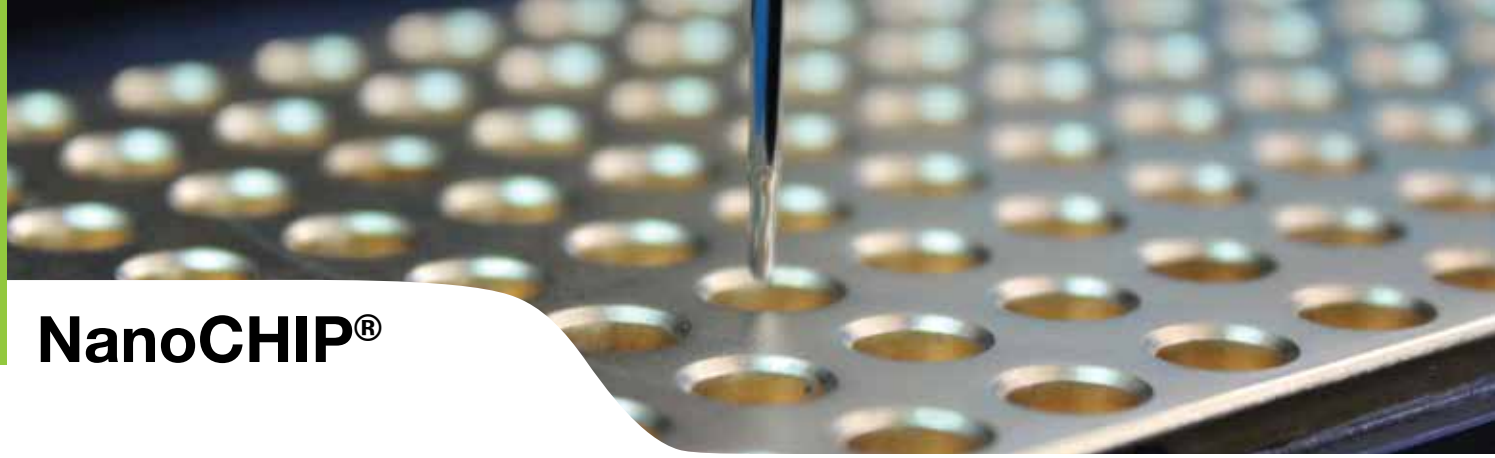
Savyon Diagnostics offers a wide portfolio of Real Time PCR tests. Savyon's RT-PCR SAVVYGEN product line includes a wide range of tests for the detection of Gastrointestinal Pathogens, Sexually Transmitted Infections, Respiratory Tract Infections and Tropical Diseases

Features:

- User friendly – Setup time < 5min
- Results obtained in 60min
- Full compatibility with most common RT-Thermocyclers
- Compatibility with most manual and automated DNA extraction techniques
- Integrated internal control guarantees appropriate validated results

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
Savvygen STI CT/NG/TV	Multiplexed RT-PCR for simultanious detection and differentiation of ***Chlamydia trachomatis (CT)***, ***Neisseria gonorrhoeae (NG)*** and/or ***Trichomonas vaginalis (TV)*** infections	Ready to use master mixes • Common thermocycling profile -can be tested together with other STI panels (615-01, 616-01, 617-01) • As compared with two commercial molecular techniques (RT-PCR and microarray), the tests exhibits sensitivity/specificity levels of 99%/100%, 100%/100% and 100%/100% for CT, NG and TV, respectively (N = 376) **Urine / Urogenital Swab**	48T	618-01	CE_{0483}
Savvygen STI MG/MH	Multiplexed RT-PCR for simultanious detection and differentiation of ***Mycoplasma genitalium (MG)*** and/or ***Mycoplasma hominis (MH)*** infections	Ready to use master mixes • Common thermocycling profile -can be tested together with other STI panels (616-01, 617-01, 618-01) • As compared with two commercial molecular techniques (RT-PCR and microarray), the test exhibits sensitivity/specificity levels of 100%/100% for both MG and MH (N = 241) **Urine / Urogenital Swab**	48T	615-01	CE
Savvygen STI UU/UP	Multiplexed RT-PCR for simultanious detection and differentiation of ***Ureaplasma urealyticum (UU)*** and/or ***Ureaplasma parvum (UP)*** infections	Ready to use master mixes • Common thermocycling profile -can be tested together with other STI panels (615-01, 616-01, 618-01) • As compared with two commercial molecular techniques (RT-PCR and microarray), the tests exhibits sensitivity/specificity levels of 100%/100% for both UU and UP (N = 230) **Urine / Urogenital Swab**	48T	617-01	CE
Savvygen STI TV	RT-PCR for detection of ***Trichomonas vaginalis (TV)***	Ready to use master mixes • Common thermocycling profile -can be tested together with other STI panels (615-01, 617-01, 618-01) • As compared with two commercial molecular techniques (RT-PCR and microarray), the tests exhibits sensitivity/specificity levels of 100%/100% (N = 206) **Urine / Urogenital Swab**	48T	616-01	CE
Savvygen Flu A / Flu B / RSV	Multiplexed RT-PCR for simultanious detection and differentiation of ***Influenza A virus***, ***Influenza B virus*** and ***Respiratory Syncytial Virus (RSV)***	Ready to use liophyllized in-well master mixes • Transport and storage at ambient temperature • Common thermocycling profile -can be tested together with other respiratory panels (613-01, 623-01) • As compared with Simplexa Flu A/B & RSV (Diasorin), the test exhibits sensitivity/specificity levels of 96.4%/100%, 100%/100% and 97.6%/100% for Flu A, Flu B and RSV, respectively (N = 259) • As compared with Clart PneumoVir (Genomica), the test exhibits sensitivity/specificity levels of 96.2%/100%, 97.7%/100% and 100%/100% for Flu A, Flu B and RSV, respectively (N = 305) **Nasopharyngeal Swab / Wash / Aspirate**	48T	612-01	CE

Product	Description	Features **Sample Type**	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
Savvygen Bordetella pertussis	Multiplexed RT-PCR for simultanious detection and differentiation of ***B. pertussis***, ***B. parapertussis*** and ***B. holmesii***	Ready to use liophyllized in-well master mixes • Transport and storage at ambient temperature • Common thermocycling profile -can be tested together with other respiratory panels (612-01, 623-01) **Nasopharyngeal Swab / Wash / Aspirate**	48T	613-01	CE
Savvygen Pneumocystis jirovecii	RT-PCR for detection of ***Pneumocystis jirovecii***	Ready to use liophyllized in-well master mixes • Transport and storage at ambient temperature • Common thermocycling profile -can be tested together with other respiratory panels (612-01, 613-01) • Integrated Quantitative Standard (QS) allowing for quantitative results (Copy Number) • LoD = 10 copies • As compared with a commercial RT-PCR for PCP, the test exhibit sensitivity/specificity levels of 100%/100% **Bronchoalveolar Lavage (BAL) / Respiratory Wash / Aspirate**	48T	623-01	CE
Savvygen Zika Virus	RT-PCR for detection of ***Zika virus***	Ready to use liophyllized in-well master mixes • Transport and storage at ambient temperature • As compared with a commercial RT-PCR for *Zika virus*, the tests exhibited sensitivity/specificity levels of 100%/100% (N = 61) **Whole blood / Serum / CSF / Amniotic fluid / Urine**	48T	614-01	CE
Savvygen HSV 1+2 / VZV	Multiplexed RT-PCR for simultanious detection and differentiation of ***Herpes Simplex Virus (Types 1 and 2)*** and ***Varicella Zoster virus (VZV)***	Ready to use liophyllized in-well master mixes • Transport and storage at ambient temperature • LoD = 10 copies • As tested on 5 QCMD panels and 2 INSTAND panels (HSV-1 N=13, HSV-2 N=12, VZV N=14), 100% accordance was found as compared with the validated EQA reports **UTM / Genital Swabs / Urine / Plasma**	48T	622-01	CE
Savvygen GI Bacterial Panel	Multiplexed RT-PCR for simultanious detection and differentiation of ***Salmonella enterocolitica***, ***Campylobacter*** and ***Shigella/enteroinvasive Escherichia coli (EIEC)***	Ready to use liophyllized in-well master mixes • Transport and storage at ambient temperature • Common thermocycling profile -can be tested together with other GI panels (619-01, 601-01 to 611-01) • As compared with a commercial RT-PCR test for detection of enteric pathogens, the test exhibited sensitivity levels of 100% for all pathogens and specificity levels of 99.7%, 96.2% and 100% for *Salmonella*, *Campylobacter* and *Shigella/EIEC*, respectively (N = 400) **Fecal Sample**	48T	620-01	CE
Savvygen GI Parasite Panel	Multiplexed RT-PCR for simultanious detection and differentiation of ***Giardia lamblia***, ***Cryptosporidium spp.*** and ***Entamoeba histolytica***	Ready to use liophyllized in-well master mixes • Transport and storage at ambient temperature • Common thermocycling profile -can be tested together with other GI panels (620-01, 601-01 to 611-01) • As compared with two commercial RT-PCR tests for detection of enteric parasites, the test exhibited sensitivity levels of 97.4%/100%/100% and specificity levels of 97.7%/98.2%/99.3% for *Cryptosporidium/ Giardia/E. histolytica*, respectively (N = 172) **Fecal Sample**	48T	619-01	CE
Savvygen Single-Taget GI RT-PCR Tests	**Savvygen GI *Cryptosporidium***	Ready to use liophyllized in-well master mixes • Transport and storage at ambient temperature • Common thermocycling profile -can be tested together with other GI panels (619-01, 620-01) **Fecal Sample**	48T	601-01	CE
	Savvygen GI *Giardia*			602-01	
	Savvygen GI *Entamoeba*			603-01	
	Savvygen GI *Salmonella*			604-01	
	Savvygen GI *Shigella/EIEC*			605-01	
	Savvygen GI *Campylobacter*			606-01	
	Savvygen GI *Adenovirus*			607-01	
	Savvygen GI *Rotavirus*			608-01	
	Savvygen GI *Astrovirus*			609-01	
	Savvygen GI *Norovirus GI*			610-01	
	Savvygen GI *Norovirus GII*			611-01	



NanoCHIP®

INTRODUCTION

Savyon Diagnostics NanoCHIP® XL System is an automated Multiplexed Electronic Microarray System, offering a wide range of test panels for detection of Infectious Diseases and Genetic Screening. All kits below are to be used with the NanoCHIP® XL system.

Features:

- Multiplexed applications for medium to high throughput screening
- Simultaneous analysis of up to 96 samples
- Automated platform
- Simple and friendly operation
- Superior clinical and analytical performance
- Compatible with a variety of validated nucleic acid extraction techniques (manual/automated)

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
NanoCHIP® Infection Control Panel (ICP)	Multiplex assay for simultanious detection and differentiation of ***Methicillin-Resistant Staphylococcus aureus (MRSA)***, ***Vancomycin-Resistant Enterococci (VRE)*** and ***Carbopenemase-Producing Klebsiella pneumoniae (KPC)***	Reagents for sample preparation (lysis) included in the kit • MRSA: Differentiate and report MRSA vs. MSSA, coagulase positive vs. Negative strains, S. aureus vs. other Staphylococcal strains • VRE: Differentiate and report VRE (both VanA+ and VanB+) vs. VSE, and VRE vs. other Vancomycin-resistant non-enterococcal bacteria • KPC: Differentiate and report KPC vs. other Carbapenemase non-producing K. pneumoniae • Up to 96 samples per run or 192 samples per day • LoD = 30 cfu/mL for each pathogen • The test exhibits sensitivity and specificity levels of 98%/100% for MRSA (N = 394), 99%/100% for VRE (N = 314) and 97%/100% for KPC (N = 297) **Eswab™ Samples / Amies Gel Transport Swabs**	96T	899050	CE
NanoCHIP® MRSA Panel	Multiplex assay for detection of ***Methicillin-Resistant Staphylococcus aureus (MRSA)***	Reagents for sample preparation (lysis) included in the kit • Differentiate and report MRSA vs. MSSA, coagulase positive vs. Negative strains, S. aureus vs. other Staphylococcal strains • Target genes: spa/nuc, mecA, SCCmec • Up to 96 samples per run or 192 samples per day • LoD = 30 cfu/mL • 98%/100% sensitivity/specificity vs. culture and RT-PCR (N = 394) **Eswab™ Samples / Amies Gel Transport Swabs**	131T	899054	CE
NanoCHIP® Clostridium difficile Panel	Multiplex assay for detection of ***Toxigenic and non-toxigenic Clostridium difficile***	Target genes: gdh, tcdA, tcdB • Up to 96 samples per run or 192 samples per day • The test exhibits sensitivity and specificity levels of 100%/93.3% for gdh (N = 693) and 100%/99.7% for tcdA/tcdB (N = 1085) **Fecal Sample / Rectal Swab / Perianal Swab**	192T	899061	CE ANVISA
NanoCHIP® Gastrointestinal Panel Combi I	Multiplex assay for detection of 5 GI bacteria ***(Salmonella, Shigella/ EIEC, Campylobacter, C. difficile (+tcdA/ tcdB), STEC)*** and 3 GI parasites ***(Giardia lamblia, Cryptosporidium spp., Entamoeba histolytica)***	Up to 78 samples per run or 156 samples per day • The test exhibits sensitivity and specificity levels of 100%/99.6% for Salmonella (N = 1453), 100%/99.8% for Shigella/EIEC (N = 1450), 100%/99.9% for Campylobacter (N = 1448) , 90.9%/99.9% for C. difficile (N = 865), 100%/97.3% for STEC (N = 182), 100%/99.9% s for Giardia (N = 1458), 100%/100% for Cryptosporidium (N = 1312) and 100%/100% for Entamoeba (N = 1317) **Fecal Sample**	78T	899051	CE

Product	Description	Features **Sample Type**	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
NanoCHIP® Gastrointestinal Panel Combi II	Multiplex assay for detection of 3 GI bacteria ***(Salmonella, Shigella/ EIEC, Campylobacter)*** and 6 GI parasites ***(Giardia lamblia, Cryptosporidium spp., Entamoeba histolytica, Entamoeba dispar, Blastocystis spp., Dientamoeba fragilis)***	Up to 96 samples per run or 192 samples per day • The test exhibits sensitivity and specificity levels of 100%/99.6% for Salmonella (N = 1453), 100%/99.8% for Shigella/EIEC (N = 1450), 100%/99.9% for Campylobacter (N = 1448), 100%/99.9% for Giardia (N = 1458), 100%/100% for Cryptosporidium (N = 1312), 100%/100% for Entamoeba (N = 1317), 97.9%/99.5% for Dientamoeba (N = 1453) and 100%/99.1% for Blastocystis (N = 246) **Fecal Sample**	96T	899057	CE
NanoCHIP® Parasites Panel I	Multiplex assay for detection of ***Giardia lamblia, Cryptosporidium spp., Entamoeba histolytica, Entamoeba dispar, Blastocystis spp.*** and ***Dientamoeba fragilis***	Up to 96 samples per run or 192 samples per day • The test exhibits sensitivity and specificity of 100%/99.1% for Blastocystis (N = 246), 100%/99.9% for Giardia (N = 1458), 100%/100% for Cryptosporidium (N = 1312), 100%/100% for Entamoeba (N = 1317) and 97.9%/99.5% for Dientamoeba (N = 1453) **Fecal Sample**	131T	899052	CE
NanoCHIP® STI Plex	Multiplex assay for detection and differentiation of ***Chlamydia trachomatis (CT), Neisseria gonorrhoeae (NG)*** and/or ***Trichomonas vaginalis (TV)*** infections	Up to 96 samples per run or 192 samples per day • The test exhibits sensitivity and specificity levels of 98.9%/100% for CT (N = 583, 100%/100% for NG (N = 491 and 100%/100% for TV (N = 532) **Urine / Urogenital Swab**	192T	899055	CE_{0483}
NanoCHIP® STI Plex+	Multiplex assay for detection and differentiation of ***Chlamydia trachomatis (CT)***, ***Neisseria gonorrhoeae (NG)***, ***Trichomonas vaginalis (TV)***, ***Mycoplama genitalium (MG)***, ***Mycoplasma hominis (MH)***, ***Ureaplasma urealyticum (UU)*** and/or ***Ureaplasma parvum (UP)*** infections	Up to 96 samples per run or 192 samples per day • The test exhibits sensitivity and specificity levels of 98.9%/100% for CT (N = 583), 100%/100% for NG (N = 491), 100%/100% for TV (N = 532), 95.8%/100% for MG (N = 511), 100%/100% for MH (N = 532), 95.8%/98.9% for UU (N = 191) and 98.4%/98.9% for UP (N = 304). **Urine / Urogenital Swab**	131T	899056	CE_{0483}
NanoCHIP® HPV Screening Panel	Multiplex assay for detection and differentiation of ***18 High-Risk and 2 Low-Risk HPV subtypes*** in clinical specimens.	Sample preparation included in the kit • Up to 96 samples per run or 192 samples per day • The HPV screening kit allows genotyping for high-risk HPV subtypes 16 and 18, simultaneous detection of High-Risk HPV types 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 73, 82 and simultaneous detection of the Low-Risk HPV subtypes 6 and 11 • The test exhibits sensitivity and specificity levels of100%/99% for High risk 18 subtype (N = 477), 100%/100% for High risk 16 subtype (N = 477), for all High risk subtypes - pool of 16 subtypes (N = 477) and 95%/99% for Low risk subtypes 6/11 (N = 477) **Liquid Based Cytology (LBC)**	192T	899017	CE
NanoCHIP® ZIKV/DENV/ CHIKV	Multiplex assay for detection and differentiation of ***Zika virus (ZIKV)***, ***Dengue virus types I-IV (DENV)*** and ***Chikungunya virus (CHIKV)***	Up to 96 samples per run or 192 samples per day • The test exhibits sensitivity and specificity levels of 100%/100 for ZIKV (N=115), DENV 100%/100% (N = 117), 100%/100% for CHIKV (N = 103) **Serum / Plasma**	192T	899063	CE
NanoCHIP® CF14	Multiplex assay for simultaneous detection and genotyping of 14 Cystic Fibrosis (CFTR) SNP's common in the Israeli population	Full genotyping of 14 common mutations and deletions in the CFTR gene • ΔF508, G542X, W1282X, N1303K, 3849+10kbC->T,1717-1G->A, D1152H, S549R, G85E, W1089X, 405+1G->A, Y1092X, 3121-1G>A ,I1234V • Up to 64 samples per run or 128 samples per day **Whole Blood / Buccal Swab / Dried blood spots (DBS)**	64/128T	800272	CE

Product	Description	Features Sample Type	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
NanoCHIP® CF19	Multiplex assay for simultaneous detection and genotyping of 19 Cystic Fibrosis (CFTR) SNP's common in the Israeli population	Full genotyping of 19 common mutations and deletions in the CFTR gene • ΔF508, G542X, W1282X, N1303K, 3849+10kbC->T, 1717-1G->A, D1152H, S549R, G85E, W1089X, 405+1G->A, Y1092X, 3121-1G>A, 2183AA>G, 3120+1Kbdel8.6Kb, 4010delTATT, Q359K/T360K, CFTR del2,3 (21kb) • Up to 64 samples per run or 128 samples per day **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	64/128T	800001	CE
NanoCHIP® CF70	Multiplex assay for simultaneious detection and genotyping of **70 Cystic Fibrosis (CFTR) SNP's** common in the Italian population	Full genotyping of 70 common mutations and deletions in the CFTR gene • Up to 38 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	76T	803001	CE
NanoCHIP® AJP-14	Multiplex assay for simultaneous detection and genotyping of **18 SNP's associated with 14 genetic syndroms in the Ashkenazi Jewish Population**	Full genotyping of 18 common mutations and deletions associated with 14 genetic syndroms in the Ashkenazi Jewish population • (Bloom Syndrome / Smith-Lemli-Opitz syndrome (SLOS) / Walker-Warburg syndrome (WWS) / Fanconi Anemia (FA) /Familial Dysautonomia (FD) / Usher Syndrome/ Canavan Disease / Glycogen Storage Disease Type 1a / Maple Syrup Urine Disease (MSUD) / Nemaline Myopathy (NM) / Niemann-Pick Disease type A and B (NPD)/ Mucolipidosis (ML4) / Joubert Syndrome 2 (JBTS2)) • Up to 64 samples per run or 128 samples per day **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	64/128T	800019	CE
NanoCHIP® Connexin	Multiplex assay for simultaneous detection and genotyping of **3 genetic mutations** related to **hereditary deafness**	Full genotyping of 3 common mutations and deletions in the Connexin gene • 35delG and 167delT on the GJB2 gene (Connexin 26) and Cx30 deletion on the GJB6 gene (Connexin 30) • Up to 96 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	96/192T	800472	CE
NanoCHIP® Tay Sachs	Multiplex assay for simultaneous detection and genotyping of a panel of **6 genetic mutations** in the human **HEXA** gene associated with **Tay Sachs disease**	Full genotyping of 6 common mutations in the HEXA gene • 1278 InsTATC, IVS12 +1G>C, G269S, R170Q, DF304/305 and IVS5-2 A>G • Up to 96 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	96/192T	800572	CE
NanoCHIP® Gaucher	Multiplex assay for simultaneous detection and genotyping of a panel of **6 genetic mutations** in the human **glucocerebrosidase gene (GBA)** gene associated with **Gaucher disease**	Full genotyping of 6 common mutations in the GBA gene • 84InsG, IVS2+1G>A, N370S, L444P, R496H and V394L • This kit also allows the identification of the RecTL allele • Up to 96 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	96/192T	800672	CE
NanoCHIP® All-in-One	Multiplex assay for simultaneous detection and genotyping of a panel of **92 genetic** mutations associated with **27 genetic disorders** of the Israeli population, based on the specific individual ethnic origin	Full genotyping of 92 mutations associated with 27 genetic disorders in the Israeli population • Disorders include those associated with Cystic Fibrosis and disorders associated with Ashkenazi, North-african, Yemanite, Iraqi, Bukhara/Uzbekistan and Caucasus - origin Jews as well as for non-Jewish origin • Up to 22 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	22T	800014	CE
NanoCHIP® CVP5	Multiplex assay for simultaneous detection and genotyping of ***a panel of 5 genetic variants*** that are associated with ***Cardiovascular Diseases***	Full genotyping of 5 mutations associated with Thrombophillia and Cardiovascular diseases • FV Leiden (G1691A; R506Q)/ FV R2 haplotype (H1299R) / Prothrombin (PTH; Factor II) G20210A / MTHFR C677T / MTHFR A1298C • Up to 96 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	131T	899015	CE, ANVISA

Product	Description	Features **Sample Type**	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
NanoCHIP® BRCA	Multiplex assay for simultaneous detection and genotyping of a panel of the **14 most common mutations** in the human ***BRCA1*** and ***BRCA2*** genes in the Israeli population	Full genotyping of 14 most common mutations in the human BRCA1 and BRCA2 genes in the Israeli population • 185delAG, 5382insC, Y978X, 4153delA, C61G, A1708E, W1508X, E720X and 981delAT on the BRCA1 gene and 6174delT, 8765delAG, 5164del4, R2336P and IVS2G->A on the BRCA2 gene • Up to 96 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	96T	800016	CE
NanoCHIP® Onco Panel	A Multiplex assay for simultaneous detection and genotyping of **36 SNP's** associated with an increased risk for **Breast**, **Ovarian** and **Colon Cancer**	Full genotyping of 36 SNP's in APC, BRCA1, BRCA2, CHEK2, MLH1, MSH2, MSH6, MUTYH, PMS2 • Up to 96 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	96T	800021	CE
NanoCHIP® FMF-12	Multiplex assay for simultaneous detection and genotyping of a panel of ***12 genetic mutations*** in the human ***Mediterranean fever gene (MEFV)***	Full genotyping of 12 genetic mutations in the human Mediterranean fever gene (MEFV) • E148Q, P369S, F479L, R761H, V726A, M694V, M694I, I692del, M680I G>C, M680I G>A, A744S and K695R • Up to 96 samples per run **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	96T	700103	CE
NanoCHIP® Pain Managament Panel	Multiplex assay for simultaneous detection and genotyping of a panel of **63 SNP's** and the ***CYP2D6 CNV*** all associated with ***the metabolism of pain managament and psychoactive drugs***	Full genotyping of 63 SNP's and enumeration of the CYP2D6 copy number variation (CNV) associated with the metabolic rate of selected pain-managament and psychoactive drugs • Up to 28 samples per run (38 if no CYP2D6 CNV enumeration is required • Short 1.5h multiplex PCR reaction **Whole Blood / Buccal Swab / Dried Blood Spots (DBS)**	70T	805020	

DNA/RNA Extraction

INTRODUCTION

The Savvygen extraction kits are to be used with the Savvygen Extractor instrument to provide high yield and quality nucleic acid.

Features:

- Validated with Savvygen RT-PCR kits and with selected NanoCHIP kits (see below)
- 15 min fully automated protocol
- Simultaneous extraction of 1-48 samples

Product	Description	Features Sample Type/ Dimensions & Weight	Ordering Info & Approvals		
			Tests/ kit	Catalog Number	
Savvygen STI Extraction Kit	DNA/RNA Extraction kit for Urine / **Urogenital samples** to be used on the Automated Savvygen Extractor instrument (650-01)	**To be used on the Savvygen Extractor instrument (650-01)** • Compatible for extraction of nucleic acids for Savvygen STI RT-PCR kits (615-01, 616-01, 617-01, 618-01), for NanoCHIP STI kits (899055, 899056) and for NanoCHIP HPV screening panel (899017) **Urine / Genital, Vaginal or Cervical Swab / Semen / LBC**	48T (6X8) 96T (4X24)	651-01 652-01	CE
Savvygen Respiratory Extraction Kit	DNA/RNA Extraction kit for **Respiratory samples** to be used on the Automated Savvygen Extractor instrument (650-01)	**To be used on the Savvygen Extractor instrument (650-01)** • Compatible for extraction of nucleic acids for Savvygen STI RT-PCR kits (612-01, 613-01, 623-01), for Savvygen Zika RT-PCR kit (614-01 only for plasma/urine) and for NanoCHIP ZIKV/DENV/CHIKV panel (899063 only for plasma/urine) **Nasal Swabs / UTM**	48T (6X8) 96T (4X24)	653-01 654-01	CE
Savvygen GI Extraction Kit	DNA Extraction kit for **Fecal samples** to be used on the Automated Savvygen Extractor instrument (650-01)	**To be used on the Savvygen Extractor instrument (650-01)** • Compatible for extraction of nucleic acids for Savvygen STI GI-PCR kits (619-01, 620-01, 601-01 to 611-01), for NanoCHIP GI panels (899051, 899057, 899052) and for NanoCHIP HAI panels on stool/perianal swab samples (899050, 899054, 899061) **Fecal Sample / Rectal Swab / Perianal Swab**	48T (6X8) 48T (2X24)	655-01 656-01	CE

Instruments

Product	Description	Features Sample Type/ Dimensions & Weight	Ordering Info & Approvals	
			Catalog Number	
Savvygen Extractor	Automated Ultra-fast (15 min for 1 - 48 samples) DNA/RNA Extractor	Fully Automated Extraction - Walk away system • Ultra-fast - Up to 48 samples in 15 min • X. Etremely simple to operate • Very small footprint • Setup and hands-on time <5 min for 48 samples • Magnetic silica microparticles chemistry ensure high yield and high quality of PCR-ready DNA/RNA • Ready to use extraction kits for Sexually-Transmitted Infections (STI's), HPV, Respiratory and Gastrointestinal samples • Pre-filled Cartridge type of Reagent– 8 or 24 Extraction Cartridge • All Cartridge can be used simultaneously without and change of Hardware and software format • UV Lamp/Auto door Lock • 7' Touch Screen based User interface - Easy to operate without training • Pre-programmed and User defined protocols **Height: 0.39 m • Depth: 0.42 m • Width: 0.36 m Weight: 25 kg**	650-01	CE
NanoCHIP® XL Analyzer	Automated Multiplexed Electronic Microarray-based Molecular Diagnostics Analyzer	Load & Go - PCR On board allows for loading the PCR plate, reagents and cartridge • Friendly & Flexible - Very simple operation, including touch screen option • Up to 4 different assays in the same run and on the same cartridge • Fast - Improved robotics and optical mechanism- faster cartridge initalization allowing for shorter run time • Robust - Automated maintenance procedure and optical normalization **Height: 0.56 m • Depth: 0.66 m • Width: 0.90 m Weight: 105 kg**	800165	CE, ANVISA, COFERIS

Contract Manufacturing & Development Services

Savyon Diagnostics has been offering contract manufacturing and development services to biotech companies, varying from startup companies to medium and large enterprises worldwide for the last three decades.
Savyon Diagnostics provides high quality products, efficient manufacturing facilities, proficient regulatory affairs services and specialized personnel at all levels. Thus providing the highest level of competence in a cost effective manner.

Savyon Diagnostics offers professional expertise in a variety of fields:
Microbiology • Immunology • Molecular biology • Protein and nucleic acid chemistry • Biochemistry • Glyco-biology

Our assay development services, include, but are not limited to assay development, prototype design, scale-up to production, compilation of SOPs and preparation of technical files for regulatory purposes.

Parameter	Features
Facilities & Instruments	• Environment controlled spaces (Class 10,000 and 1,000), Dry (<20% humidity) and wet (~50% humidity) rooms • Fully automated ELISA microplate coating, blocking, drying and labeling line • Fully automated production line for lateral flow tests • Automated microplate processor • Biosafety level 3 laboratory • Automatic dispensing and labeling • Validated sterilization process • Modern training center and demo lab
Procedures	• Sterile filtration (uL to Liters) • Bacterial, viral and protozoan culture • Native and recombinant antigen production • Coating of different surfaces • Biochemistry and protein purification • Downstream molecular biology compartmentalization • Top-notch QA & RA services
Product Design	Packaging • Labeling • Manuals (print & digital)
Logistics	• Procurement • Supplies • Temperature and humidity-controlled Storage • ERP-controlled inventory • Worldwide transportation and shipping

official distributor

SZABO-SCANDIC
HandelsgmbH & Co KG
Quellenstraße 110, A-1100 Wien
T. +43(0)1 489 3961-0
F. +43(0)1 489 3961-7
mail@szabo-scandic.com
www.szabo-scandic.com

SZABO SCANDIC

4205 11-07/19

savyon DIAGNOSTICS

Savyon Diagnostics Ltd.
3 Habosem St. Ashdod 7761003, Israel, Tel.: 972 8 8562920, Fax: 972 8 8523176, Email: support@savyondx.com

NanoCHIP® is a registered trademarks of Gamida B.V, The Netherlands. The cartridge and NanoCHIP® XL system and their use may be covered by one or more of following U.S. Patents or Applications: 5,605,662; 5,929,208; 6,017,696; 6,238,624; 5,632,957; 6,582,660; 5,849,486; 6,245,508; 6,048,690; 6,051,380; 6,518,022; 8,114,589; 5,965,452; 6,258,606; 6,682,936; 6,687,048; 5,965,452; 6,682,936; 6,867,048; 7,045,097; 7101,717; 7,150,997; 7,601,301; 6,099,803; 6,726,880; 6,225,059; 6,068,818; 6,540,961; 6,254,827; 6,315,953; 6,821,729; 6,331,274; 7,267,751; 7,943,023; 6,306,348; 6,524,517; 6,303,082; 6,838,053; 2005/0158451A1; 6,960,298; 6,960,298; 7,270,850; 7,597,932; 6,207,373; 6,395,493; 6,753,148; 6,468,742; 7,582,421; 6,379,897; 6,492,122.

Please note: Purchase of this instrument conveys a limited non-transferable immunity from suit for the purchaser's own human in vitro diagnostics other than internal research and development and applied fields under non-real-time thermal cycler patents of Applied Biosystems LLC.

The Haptoglobin Typing ELISA (Cat# 710-01) is manufactured under a license from Bio-Rap Technologies Ltd.

www.savyondx.com