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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

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

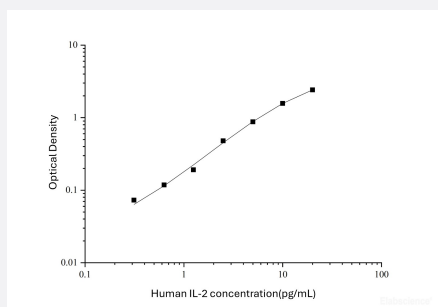
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FemtoDetect™ IL2 (Human) ELISA Kit

Catalog # KA7074

Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description

FemtoDetect™ IL2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human IL-2 (Interleukin 2) in serum, plasma and other biological fluids.

Suitable Sample

serum, plasma and other biological fluids

Sample Volume

100 μ L

Detection Method

Colormetric

Assay Type

Quantitative

Calibration Range

0.31-20 pg/mL

Limit of Detection

0.25 pg/mL

Specificity

This kit recognizes Human IL-2 in samples. No significant cross-reactivity or interference between Human IL-2 and analogues was observed.

Regulatory Status

For research use only (RUO)

Quality Control Testing

Standard curve

The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Storage Instruction

Store at 2-8°C. For long term storage store at -20°C.
Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — IL2

Entrez GeneID [3558](#)

Gene Name IL2

Gene Alias IL-2, TCGF, lymphokine

Gene Description interleukin 2

Omim ID [147680](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli. [provided by RefSeq]

Other Designations T cell growth factor|aldesleukin|interleukin-2|involved in regulation of T-cell clonal expansion

Pathway

- [Allograft rejection](#)
- [Autoimmune thyroid disease](#)
- [Cytokine-cytokine receptor interaction](#)
- [Graft-versus-host disease](#)
- [Jak-STAT signaling pathway](#)

- [T cell receptor signaling pathway](#)
- [Type I diabetes mellitus](#)

Disease

- [Abscess](#)
- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Addison Disease](#)
- [Adenocarcinoma](#)
- [Aggressive Periodontitis](#)
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- [Alveolar Bone Loss](#)
- [Alveolitis](#)
- [Alzheimer disease](#)
- [Arthralgia](#)
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- [Common Variable Immunodeficiency](#)
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- [Hyperparathyroidism](#)
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- [Hypertension](#)
- [Idiopathic Pulmonary Fibrosis](#)
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- [Infection](#)
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- [Scleroderma](#)
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- [Skin Ulcer](#)
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- [Stomach Ulcer](#)
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- [Thoracic Neoplasms](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)
- [Vaginitis](#)
- [Vascular Diseases](#)
- [Vulvar Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)