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

linkedin.com/company/szaboscandic

AlloSeq HCT

Revolutionizing Chimerism Monitoring

STREAMLINED WORKFLOW | AUTOMATED ANALYSIS | COMPREHENSIVE SOFTWARE METRICS

Chimerism changes after hematopoietic cell transplant can be an early indication of relapse*
Early detection can lead to early intervention

Jen R, Stem cell and double lung transplant recipient

CareDx®

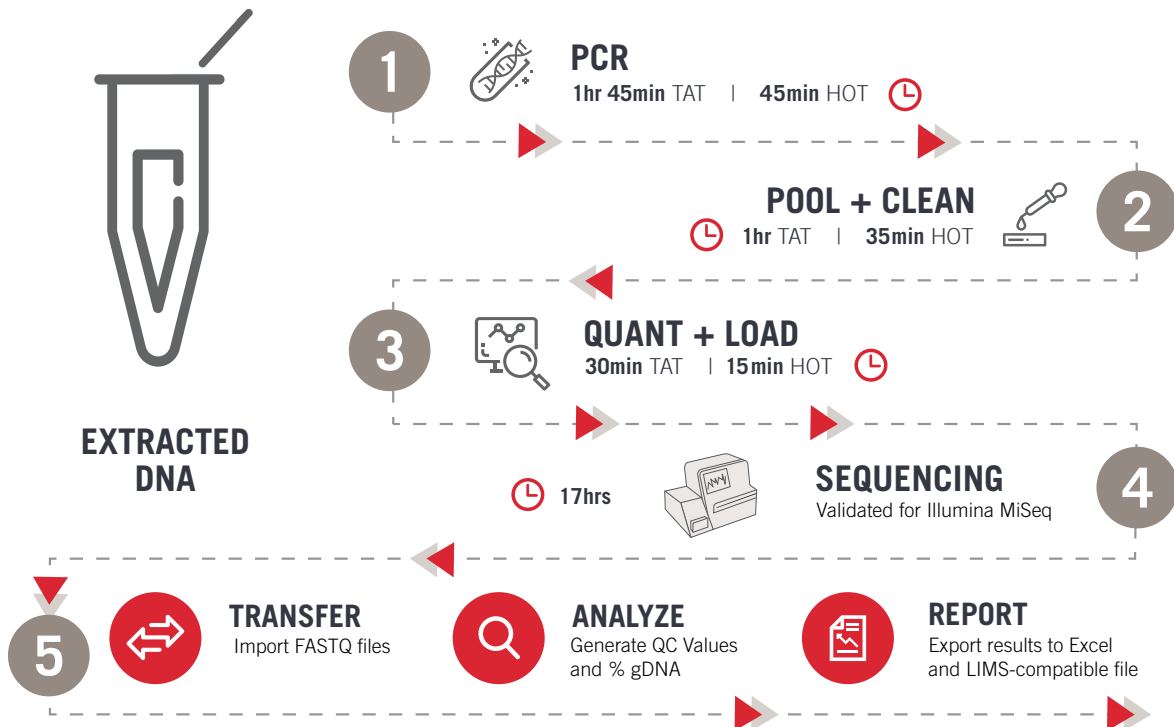# AlloSeq HCT: The Latest Innovation in NGS-based Chimerism Testing

Streamlined Workflow of Assay + Software Delivers Performance and Speed

Assay	+	HCT Software	=	Best-In-Class Performance	+	Speed
• 1 assay for genotyping and monitoring • 1-step single reaction multiplexed PCR • Targets 202 bi-allelic SNPs across 22 autosomes • Test up to 48 samples/run		• Automatically compares up to 3 genotypes – donor(s) and recipient • Automatically calculates percent chimerism		✔ High sensitivity & precision ✔ 0.22% Limit of Detection ✔ High precision ✔ Consistent results from run to run		✔ Fast Turnaround Time ✔ Test Report in less than 24 hrs

AlloSeq HCT is a Simple and Fast Assay with Minimal Hands-On Time

gDNA Sample to Report in Less than 24 hours

AMPLIFICATION & SEQUENCING

EXTRACTED DNA

1 **PCR** 1hr 45min TAT | 45min HOT

2 **POOL + CLEAN** 1hr TAT | 35min HOT

3 **QUANT + LOAD** 30min TAT | 15min HOT

4 **SEQUENCING** Validated for Illumina MiSeq — 17hrs

5 **TRANSFER** Import FASTQ files

ANALYZE Generate QC Values and % gDNA

**REPORT** Export results to Excel and LIMS-compatible file

*References for early rejection • Rashef et al BBMT 2014;20:1758–66 • Tang et al BBMT 2014;20:1139:1144

AlloSeq HCT is available as CE/IVD in the EU and Research Use Only for the rest of the world.

*HOT: Hand-on time (based on 48 samples)   ***TAT: Turn around time**

AlloSeq HCT Offers Accurate, Reproducible Results

Dynamic Range of 0.1% - 98.9% Demonstrated by Internal and External Studies
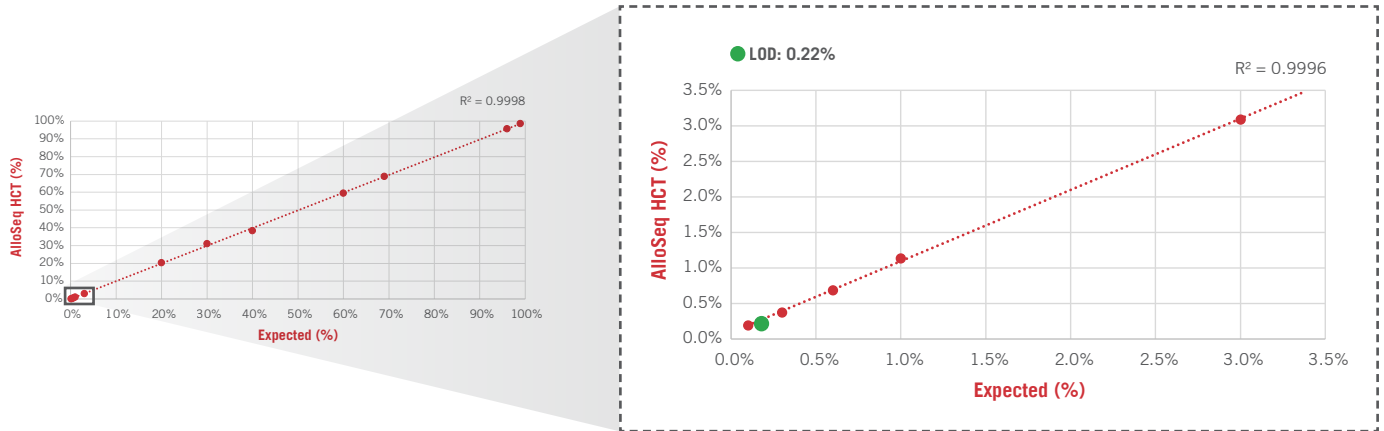
AlloSeq HCT accuracy was measured against expected artificially mixed gDNA samples extracted from fresh whole blood. 1613 data points were generated achieving signal linearity with a correlation and slope close to 1.[1]

External Testing Demonstrates Reproducible and Precise Results
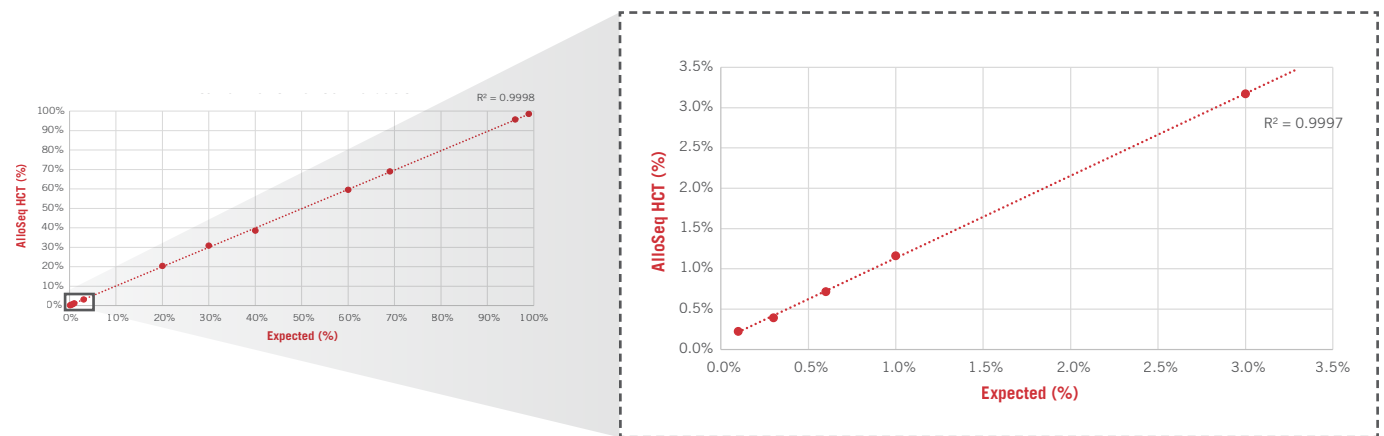
The graphs demonstrate the AlloSeq HCT average result for artificially mixed samples across a number of technical replicates (n-464). This performance evaluation results confirm the reproducibility obtained at CareDx.[1]

Enhanced Software with Detailed Analysis and Intuitive User Interface

Confidence in Results and Significantly Faster Analysis

Distinguishes up to 3 genomes

Sort informative markers

Compare recipient and donor genotyping side by side

Relevant quality metrics embedded into the workflow

Detection of more than 0.5% contamination or surveillance sample mix-ups

PRODUCT	PRODUCT NUMBER	DESCRIPTION
AlloSeq HCT	ASHCT.1(96) ASHCT.1(96)-IVD	Includes all reagents required to create 96 NGS libraries

Visit www.caredx.com/alloseq-hct for more information For inquiries, contact your CareDx representative or reach out to us:
Americas – orders-US@caredx.com | EMEA – orders-se@caredx.com | APAC – orders-aus@caredx.com

CareDx®   AlloSeq HCT