

Why choose GenomEra®?



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GenomEra® CDX System

Easy-to-use automated PCR assay platform for rapid GenomEra® Assay Kits

Ordering information

Product name	Product code
GenomEra CDX System	CDX-10-020

To place an order, please contact your local distributor at uniogen.com/distributors/

Dimensions of the GenomEra instrument


39.3cm (width) x 32.5 cm (height) x 54 cm (depth)

GenomEra CDX System is intended to be used in a laboratory environment by professional personnel. The GenomEra CDX System is NOT intended for self-testing or near-patient testing.

Manufacturer

Uniogen Oy
Tykistökatu 4
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Distributor

 GenomEra® products carry the Finnish Key Flag Symbol, a valued and trusted symbol of Finnish origin.

The GenomEra CDX System is CE marked according to Regulation (EU) 2017/746 (IVDR). Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

GenomEra® is a registered trademark of Uniogen Oy.



GenomEra® CDX System

GenomEra® CDX is a molecular diagnostics system intended to aid in diagnosis of infectious diseases.

Better testing enables better care

GenomEra® CDX is an easy-to-use PCR system comprising instrument, software, and Assay Kits that cover a wide range of tests for infectious disease. The system offers an easy-to-use and cost-effective solution for routine molecular testing.

From sample to result in a few easy steps

The GenomEra® Test Chips included in the GenomEra Assay Kits contain all the reagents needed for the PCR reaction and the results are automatically reported by the GenomEra® CDX software. The system is extremely simple, as it requires no dedicated laboratory premises or prior expertise in PCR diagnostics.

Quick results with patented technology

The GenomEra® CDX System utilises a combination of highly fluorescent, proprietary lanthanide chelates with robust time-resolved detection technology, as well as prompt labels. The innovative technology provides high detection sensitivity with minimal signal interference from clinical samples.

The patented multi-block thermal cycling technology of GenomEra® CDX enables rapid reverse transcription real-time PCR (RT-qPCR) and homogenous end-point PCR amplification with 45 thermal cycles in 50 or 70 minutes depending on the Assay Kit.

Key facts

- Automated PCR assay platform for GenomEra® Assay Kits with ready-to-use GenomEra® Test Chips
- A wide test portfolio to aid in diagnostics of infectious diseases
- Simple system that suits every laboratory, and delivers top-quality results
- Fast and cost-efficient with results for four samples in as little as 1 hour



GenomEra® Test Chips

The GenomEra® CDX instrument is used to run analyte specific, ready-to-use GenomEra® Test Chips that come with the Assay Kit. The sample preparation for different direct clinical or cultured sample matrices is simple with minimal hands on time.

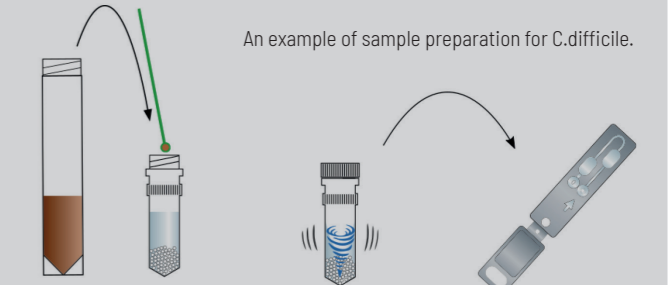
All reagents required for performing the amplification and detection are readily dried and preloaded in the patented Test Chips. The preloaded Test Chip design creates a minimal amount of waste and the automated, permanent sealing of the Test Chips by the GenomEra® CDX instrument minimizes the risk of contamination.

Test procedure

1

Sample preparation

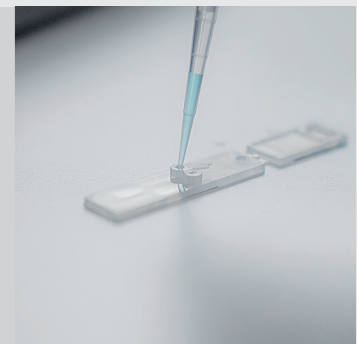
- Simple sample preparation for every sample type
- The average hands on time is only a few minutes per sample



2

Add sample to the Test Chip

- 1-4 samples can be analysed in the same run
- Mixed runs are enabled for assays that utilize the same PCR protocol



3

Start the assay

- Load the Test Chips into the instrument
- Type or scan the sample ID and start the run



4

Read results

- Results are automatically calculated and reported in the GenomEra® software

