

# Introducing eDetect

## Advanced PCR Diagnostic Line

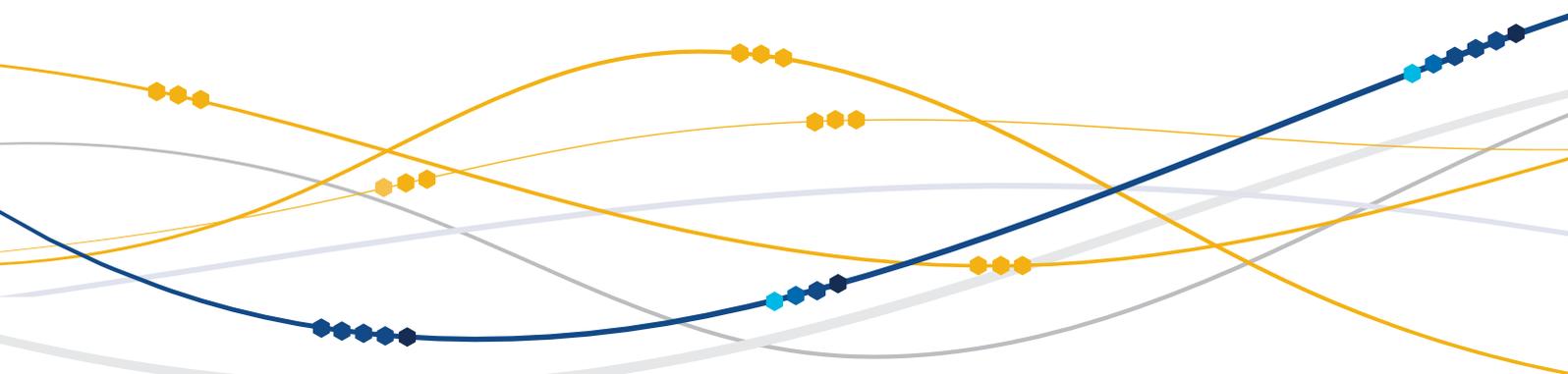
Developed by Ecoli Dx  
Innovative and Proudly European

PRODUCTION  
IN THE CZECH  
REPUBLIC



## PCR kits to provide you with a unique, more competitive portfolio

- Ecoli Dx transforms into an innovative producer
- New R&D center for eDetect
- Multiple development projects going on
- Truly European origin
- All products to be CE marked under Regulation (EU) 2017/746 (IVDR)
- In-house production: short lead times
- Absolute control over quality: improved warranty and support



# PORTFOLIO PIPELINE

**CT-NG qualitative – waiting for final certification, expected to be launched in Q1-2/2026**  
**RUO version already available**

- *Chlamydia trachomatis* (incl. Swedish New and Finnish Variant)
- *Neisseria gonorrhoeae*

**MG-MH-USp qualitative – implemented to production, certification process initiated, expected to be launched in Q2-3/2026**  
**RUO version already available**

- *Mycoplasma genitalium*
- *Mycoplasma hominis*
- *Ureaplasma species* (*U. parvum*, *U. urealyticum*)

**CMV-EBV-HHV6 quantitative – waiting for final certification, expected to be launched in Q1-2/2026**

- Cytomegalovirus
- Epstein-Barr virus
- Human Herpesvirus 6 A, B

**HSV1-HSV2-VZV quantitative – in development, , estimated in Q3-4/2026**

- Herpes Simplex Virus Type 1
- Herpes Simplex Virus Type 2
- Varicella-Zoster Virus

Hepatitis, Toxoplasma and other kits in the pipeline for 2026/2027.

Say hello to

# eDetect



## DOUBLE CONTROL OVER QUALITY

- **EXO-IC: internal exogenous control (to be added to the sample before NA extraction)**
  - NA extraction efficiency
  - Control of PCR inhibition
- **ENDO-IC: internal endogenous control**
  - Quality and adequacy of sample collection (control of cellular material presence in the sample)
  - Detection of a human RPP30 gene



## FAST AND CONVENIENT ASSAY SETUP

- After reconstituting the polymerase, **the mastermix is ready to use** and can be directly pipetted into the PCR plastic
- **Hot Start polymerase** enables assay setup at room temperature, eliminating the need to cool reagents while reducing the risk of non-specific amplification
- Standards for multiplex assays provided in **easy-to-use quantification mixes** (see section Accurate sample quantification)



## UNIFIED PCR THERMAL CYCLING PROTOCOL LABS

- Single setting at your real-time PCR thermal cycler for all eDetect assays
- You can combine different eDetect assays within one run



## PACKAGE SUITABLE ALSO FOR LOW-THROUGHPUT LABS

- **Package suitable also for low-throughput labs**
- **Packaging volume is 50 reactions only**
- **Lyophilized polymerase provided in 2 separate tubes (2x25 reactions) allows you to reconstitute them as you need them**
  - You can reconstitute the second tube later to protect it from unnecessary freeze-thaw cycles or contamination
- **Guaranteed shelf life 12 months (to be 24 months in future)**



## USE ANY REAL-TIME PCR INSTRUMENT

- **The kits have been validated on:**
  - Bio-Rad CFX Opus 96 Real-Time PCR System
  - Rotor-Gene™ Q
- **However, the kit can also be used other PCR instruments with corresponding fluorescent channels**
- **Any type of PCR plastic can be used to fit your PCR instrument:**
  - Standard PCR plastic, low profile PCR plastic, Rotor-Gene™ Q rotor strips, etc.



## ACCURATE SAMPLE QUANTIFICATION

- **4 standards included in quantitative assays to ensure maximum quantification accuracy and a reliable standard curve**
- **Easy-to-use quantification mixes in multiplex assays**
  - Each quantification mix tube contains a standard for all targets in the specific kit in a specific quantity. Therefore, even for multiplex assays, a single set of standards (quantification mixes) is provided in the kit.



## PROTECTION AGAINST CONTAMINATION

- **Uracil-DNA Glycosylase (UDG), an enzyme used in PCR applications to prevent carryover contamination from previous PCR reactions, is included in the mix with polymerase**



## AUTOMATION-READY ASSAY SETUP

- **The reconstituted, ready-to-use mastermix can be directly pipetted/dispensed into the PCR plastic of your choice:**
  - Any type of PCR plastic (individual PCR tubes, PCR strips, PCR plates...) can be used to fit your workflow
- **The volume of the reagents is provided in surplus of almost 10 % (extra)**
  - This helps you to cope with higher dead volumes necessary for the automation of PCR setup



## CONVENIENT SHIPPING

- **Transport possible at room temperature**
  - Saves shipping costs and simplifies the transport, no need for dry ice nor blue ice

## CT-NG qualitative

Catalog number	Description	Detection	Format	# of reactions	Certification	Assay detail	Shelf life	Storage	Fluorescent channels	Availability
EDA1000	eDetect CT-NG QL PCR Kit			50	to be CE IVD	qualitative	12 months			Q1-2/2026

### Target of detection:

- *Chlamydia trachomatis* (including Swedish New and Finnish Variant; sensitivity 0,2 ± 0,03 cp/μl)
- *Neisseria gonorrhoeae* (sensitivity 0,2 ± 0,01 cp/μl)

### Sample type:

- DNA extracted from urogenital swabs (urethral, vaginal) and urine (urine sediment)



## MG-MH-USp qualitative

Catalog number	Description	Detection	Format	# of reactions	Certification	Assay detail	Shelf life	Storage	Fluorescent channels	Availability
EDA1050	eDetect MG-MH-USp QL PCR Kit			50	to be CE IVD	qualitative	12 months			Q2-3/2026

### Target of detection:

- *Mycoplasma genitalium*
- *Mycoplasma hominis*
- *Ureaplasma species* (*U. parvum*, *U. urealiticum* without differentiation)

### Sample type:

- DNA extracted from vaginal, urethral, rectal swab, urine (urine sediment), sperm, nasopharyngeal (oral) swab, eye swab, LBC (e.g. PreservCyt)



## CMV-EBV-HHV6 quantitative

Catalog number	Description	Detection	Format	# of reactions	Certification	Assay detail	Shelf life	Storage	Fluorescent channels	Availability
EDA2000	eDetect CMV-EBV-HHV6 QT PCR Kit			50	to be CE IVD	quantitative	12 months			Q1-2/2026

### Target of detection:

- Cytomegalovirus (sensitivity 143 IU/ml)
- Epstein-Barr virus (sensitivity 129 IU/ml)
- Human Herpesvirus 6 A,B (sensitivity 179 IU/ml)

### Sample type:

- DNA extracted from whole blood/plasma/serum



Join us on our new journey to excellence  
and bring eDetect to laboratories in your country!  
Order demo kits now.