



**COMPANY
PROFILE**



ECOLI

Ecoli Dx at a Glance

Development – Manufacture – Sale – Support

Independent company, part of DYNEX group

- 20+ years of history
- 20+ professionals
- 30+ distributors

European based, worldwide standards

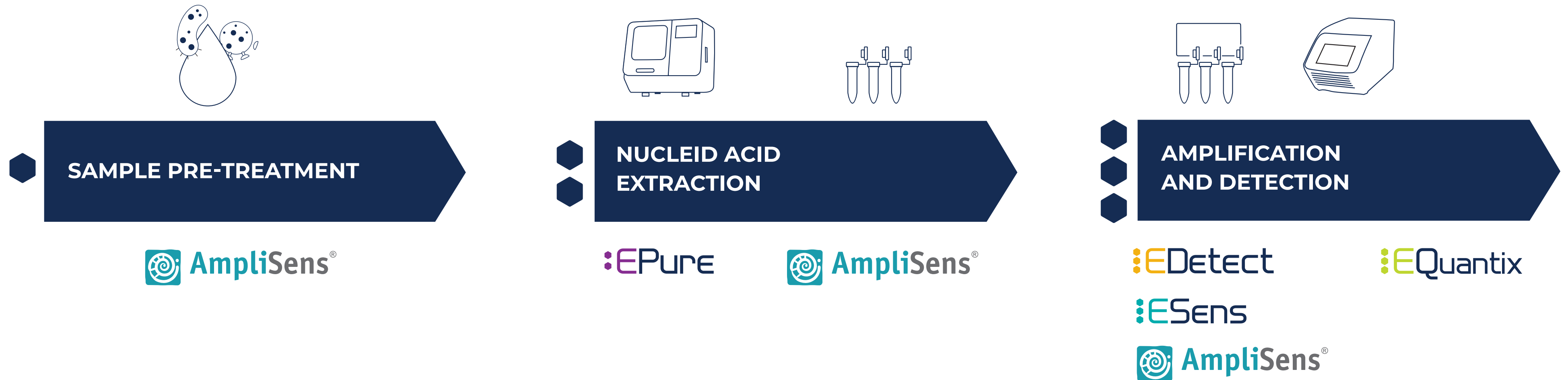
- ISO 13845:2016 certified

200+ products

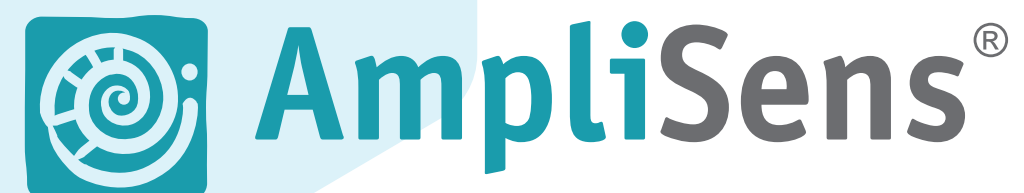
- Real-Time PCR kits for human diagnostics (mainly infectious markers)
- Nucleic acid extraction kits
- Associated instrumentation and automation

**PRODUCTION
IN THE CZECH
REPUBLIC**

Complete solution for PCR diagnostics of infectious diseases from A to Z



- **Large investments to R&D**
 - Transition to in-house production
 - Robust development pipeline



- Developed and produced by the CRIE in Moscow
- Ecoli Dx is the authorized representative all over the world, **with exclusivity in EU**
- **100+ Real-Time PCR kits**
 - A to Z of all infectious diseases and genetic markers
 - Known for their high sensitivity, specificity, and reasonable pricing
 - CE IVD certification of all previously CE IVD marked PCR kits expired
 - all of them available as RUO now
- Supplementary PCR reagents and **manual extraction kits**
 - Certification had been updated and available as CE IVD-R marked

eSens introduction

- Produced by Ecoli Dx near Prague in CZ
- „European AmpliSens“
original AmpliSens® chemistry
 - The same polymerases
 - The same primers, probes and solutions
 - The same protocols
 - Only different packaging, labeling and documentation
- **CE IVD-D marked** → Seamless transition AmpliSens® to eSens
 - Maintain AmpliSens workflow unchanged while retaining CE IVD compliance
 - Except PCR kits classified in group D according to IVDR criteria, which are supplied as RUO now
- **80+ Real-Time PCR kits**
 - A to Z of all infectious diseases and genetic markers
 - Keeping AmpliSens performance and reasonable pricing



see
**AmpliSens – eSens
conversion chart**

eSens remarks

- **eSens NA kits**
„NA“ for Non-AmpliSens chemistry
 - eSens NA RespiViral Multiplex
 - eSens NA SARS-CoV-2/Influenza A/B Multiplex
 - eSens NA SARS-CoV-2/SARS-CoV Multiplex
 - eSens NA Mycosis Multiplex
- **C. trachomatis or CMV detection available as RUO only**
 - IVD certification valid only for other parameters in the multiplex assays
 - Additional instructions for the RUO detection of CT or CMV not included in the IFU
 - Application notes available separately
- **PCR kits classified in group D according to IVDR criteria are supplied as RUO now**
 - kits targetting SARS-CoV-2, CCHFV, EBOV Zaire, Plasmodium sp., B. anthracis

Inquire the new equivalent eSens kit	
ES3808B	eSens Leptospira QL PCR kit
ES3003A	eSens Mycoplasma genitalium QL PCR kit
ES3307B	eSens Legionella pneumophila QT PCR kit
ES3000A	eSens Neisseria gonorrhoeae QL PCR kit
ES3305B	eSens MTC QL PCR kit
ES3048A	eSens Ureaplasma/M.genitalium/M.hominis QL PCR kit
ES3050A	eSens N.gonorrhoeae/M.genitalium/T.vaginalis QL PCR kit
ES3542B	eSens Escherichioses QL PCR kit
ES3049A	eSens N.gonorrhoeae /M.genitalium QL PCR kit
ES3002A	eSens Trichomonas vaginalis QL PCR kit
ES3044A	eSens Florocenosis/Bacterial Vaginosis QT PCR kit
ES3045A	eSens Florocenosis/Mycoplasmas QT PCR kit
ES3809A	eSens Streptococcus agalactiae QT PCR kit
ES4300A	eSens MRSA QT PCR kit
ES3005A	eSens Gardnerella vaginalis QL PCR kit
ES3043A	eSens Gardnerella vaginalis/Lactobacillus sp. QT PCR kit
ES3309B	eSens Mycobacterium tuberculosis/bovis/BCG QL PCR kit
ES3300A	eSens Bordetella pertussis/bronchiseptica/parapertussis QL PCR kit
ES3047A	eSens Florocenosis/Aerobes QT PCR kit
ES4301A	eSens MDR MBL QL PCR kit
ES4302A	eSens MDR KPC/OXA QL PCR kit
ES3006A	eSens Candida albicans QL PCR kit
ES3803B	eSens Pneumocystis jirovecii QL PCR kit
ES3041A	eSens Candida albicans/glabrata/krusei QL PCR kit
ES3804A	eSens Cryptococcus neoformans QL PCR kit
ES3046A	eSens Florocenosis/Candida QT PCR kit
ES3206A	eSens HHV6 QT PCR kit
ES3090A	eSens HPV LR 6/11 genotype QL PCR kit
ES3082A	eSens HPV HR 16/18 genotype QT PCR kit
ES3603B	eSens CCHFV QL PCR kit
ES3150B	eSens HGV QL PCR kit
ES3301B	eSens Influenza virus A H5N1 QL PCR kit
ES3201A	eSens HSV 1/2 genotype QL PCR kit
ES3100B	eSens HAV QL PCR kit
ES3540B	eSens Rotavirus/Norovirus/Astrovirus QL PCR kit
ES3240A	eSens EBV/HHV6 QT PCR kit
ES3801B	eSens Parvovirus B19 QT PCR kit
ES3702A	eSens TBEV QL PCR Kit

eDetect Advanced PCR Diagnostic Line

- **Our main and most advanced PCR diagnostic line**
- First eDetect kits are to be launched in **Q1-Q2/2026**
- **Developed and produced completely by Ecoli Dx**
 - Our own chemistry
 - Raw materials with EU origin only (mainly CZ, DE)
 - Production in our facility - absolute control over quality
 - Improved warranty and support
 - Short lead times and responsiveness to specific demands
- All kits to be CE marked (EU) 2017/746 **(IVDR)**
 - RUO versions will also be available



eDetect main features

DOUBLE CONTROL OVER QUALITY

EXO-IC: internal
exogenous control

ENDO-IC: internal
endogenous
control

PROTECTION AGAINST CONTAMINATION

UDG enzyme to prevent
carryover contamination
from previous PCR runs

In polymerase mix

FAST AND CONVENIENT ASSAY SETUP

Lyophilized polymerase

Provided in 2 separate tubes
(2x25 reactions) – rehydrate
them as you need

One-step preparation of the
mastermix

Hot Start polymerase
– assay setup at room
temperature

ACCURATE SAMPLE QUANTIFICATION

4 standards included in
quantitative assays

Easy-to-use
quantification
mixes

USE ANY REAL-TIME PCR INSTRUMENT

Validated on CFX
Opus 96 and RGQ

Can be used on other
PCR instruments

Any type
of PCR plastic

UNIFIED PCR THERMAL CYCLING PROTOCOLS

You can combine
different eDetect assays
within one run

CONVENIENT SHIPPING AND STORAGE

Transport possible
at room temperature

Long shelflife
(aiming for 24
months)

eDetect menu

eDetect **CT-NG QL** PCR Kit – **qualitative**

- *Chlamydia trachomatis* (incl. Swedish New and Finnish Variant; sensitivity $0,2 \pm 0,03$ cp/ μ l)
- *Neisseria gonorrhoeae* (sensitivity $0,2 \pm 0,01$ cp/ μ l)
- Sample type: DNA extracted from urogenital swabs urethral, vaginal) and urine (urine sediment)
- **RUO version already available**

eDetect **CMV-EBV-HHV6 QT** PCR Kit – **quantitative**

- 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

eDetect **MG-MH-Uspp QL** PCR Kit – **qualitative**

- *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)
- **RUO version already available**

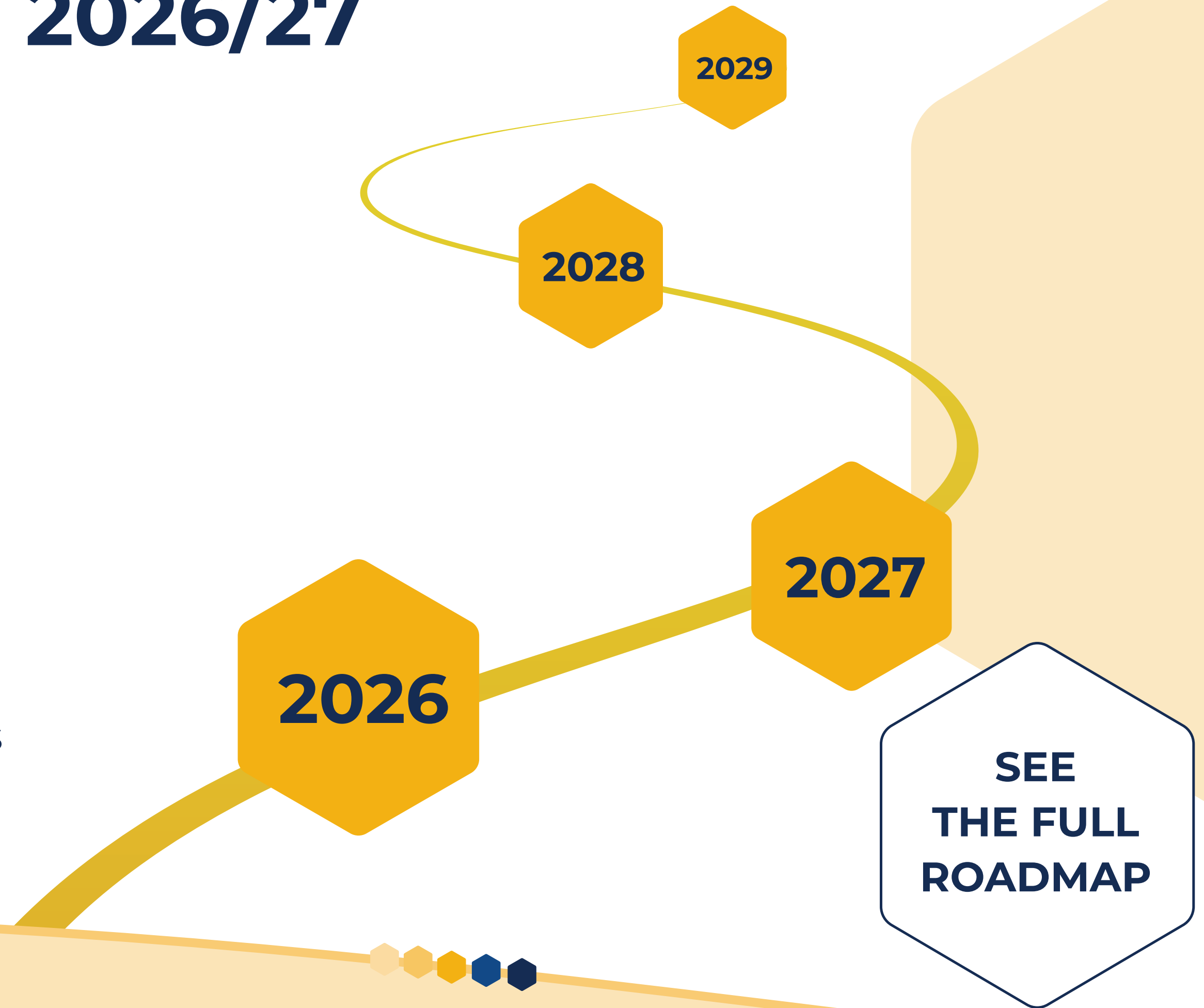
**CE IVD
pending**

**DEMO KITS
AVAILABLE**



eDetect Roadmap 2026/27

- HSV1-HSV2-VZV QT
- Toxoplasma gondii QL
- HSV-TV-TP QL
- IAV-IBV-SARSCoV2-RSV QL
- Hepatitis C virus QT
- Hepatitis B virus QT
- HBV-HCV-HIV1-HIV2 QL
- Other variations
 - Mono-plex kits
 - Different multiplex combinations



Positioning of PCR kit brands

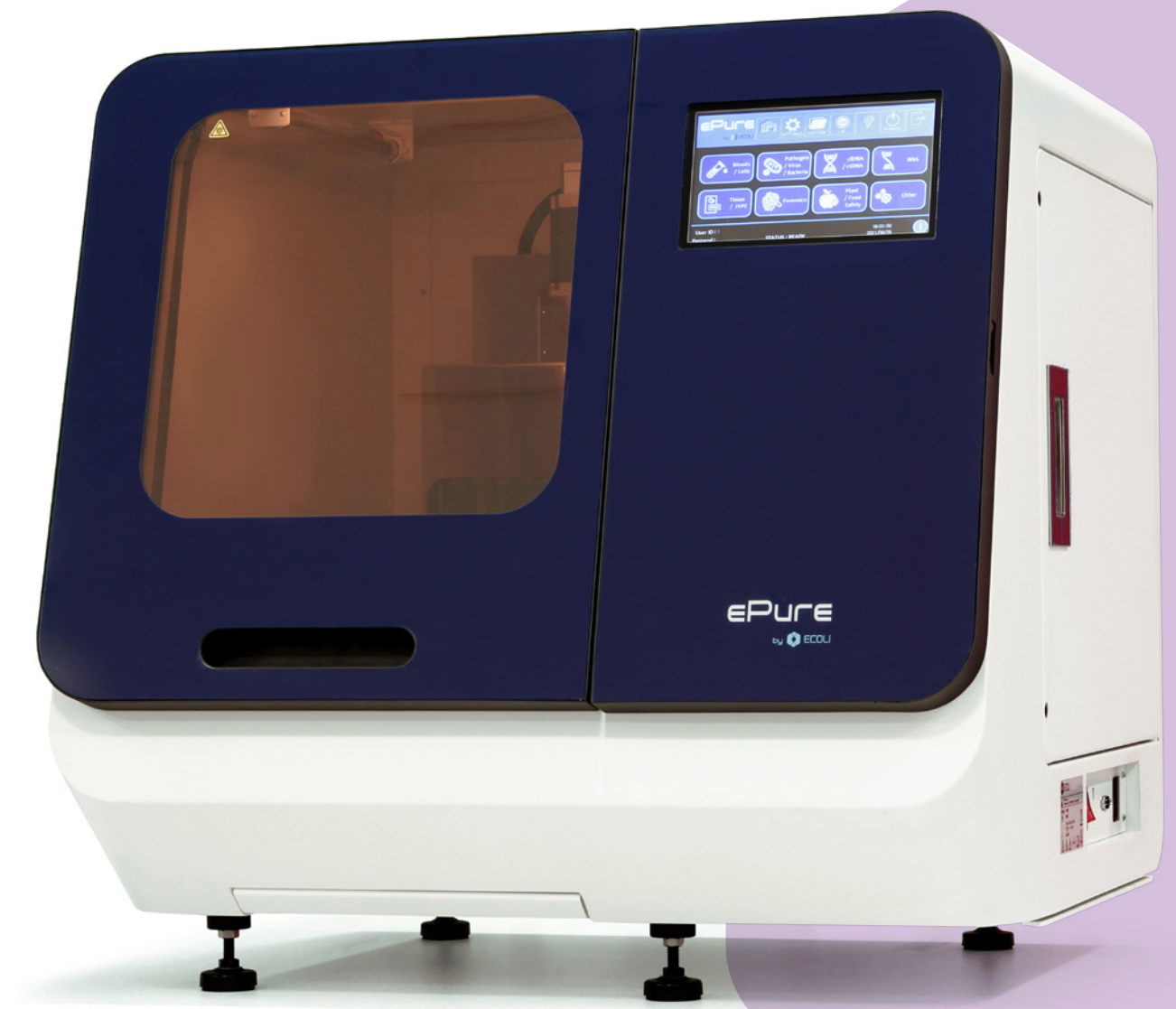
- Customers who are fine with **RUO**
AmpliSens
eDetect RUO
eSens (group D according to IVDR criteria)
- Customers requesting **CE IVD**
eSens: legacy CE IVD-D
 - Decided to take steps to meet the IVDR requirements for their continued marketing**eDetect:** CE IVD-R
 - Will be our main CE IVD solution along with the new instrumentation
 - Main focus from our distributors expected



ePure

Fully automated nucleic acid extractor

- Liquid handling instrument based on magnetic particle extraction technology
- Purifies 1 to 12 samples simultaneously per run
- Compact bench-top design
- Built-in UV lamp decontamination
- Optimized in-built protocols
- Range of purification kits that contains all prefilled reagents and consumables



ePure extraction kit menu

Cat.No.	Product name	Size	Description	Availability
E2001	ePure Blood DNA Extraction Kit	48 tests	extraction of genomic DNA from whole blood, buffy coat and leukocyte concentration	✓
E2003	ePure Viral Nucleic Acid Extraction Kit	48 tests	extraction of viral DNA/RNA from serum, plasma or cell-free fluids	✓
E2004	ePure Tissue DNA Extraction Kit	48 tests	extraction of DNA from solid animal tissues, dried swab and dried blood	✓
E2006	ePure Bacterial DNA Extraction Kit	48 tests	extraction of bacterial DNA from various sample types including environment material	✓
E2007	ePure STD Extraction Kit	48 tests	extraction of nucleic acid from cervical swab and transfer medium	✓
E2008	ePure TB DNA Extraction Kit	48 tests	extraction of MTB DNA from various sample types (e.g. sputum, BAL, CSF, urine, blood)	on request
E2009	ePure FFPE DNA Extraction Kit	48 tests	extraction of genomic DNA from formalin-fixed, paraffin-embedded tissue (FFPE) samples	on request
E2010	ePure Forensic DNA Extraction Kit	48 tests	extraction of genomic DNA from a wide range of forensic & human identity samples	on request
E2014	ePure Plant DNA Extraction Kit	48 tests	extraction of genomic DNA from plant tissue and yeast	on request
E2015	ePure Total RNA Extraction Kit	48 tests	extraction of Total RNA from mammalian whole blood, human and animal tissues, cultured cells, plant tissue and yeast	on request



eQuantix introduction

- **2 models**
 - Capacity **32** tubes – we have a prototype, **launch in 6 months**
 - Capacity **96** tubes – launch in 15 months
- **New technology of sample temperature ramp rate**
 - Shortens run time roughly by 30 %
- **High power LED**, Detector: CMOS
- **5-channels:** FAM/SYBR Green, HEX/JOE, ROX/TxR, Cy5, Cy5.5
- Laptop-like **silent** operation
- **Open platform** for any plastics/commercial kits
- **Own user-friendly SW**



R&D projects

eDetect

- 2 applied for CE IVD-R certification
- 3 in later stage of development
- 45 CE IVD marked kits by 2029

eQuantix

- 32-tube version in 6 months
- 96-tube version in 15 months

Sample-To-Result Platform Gen1

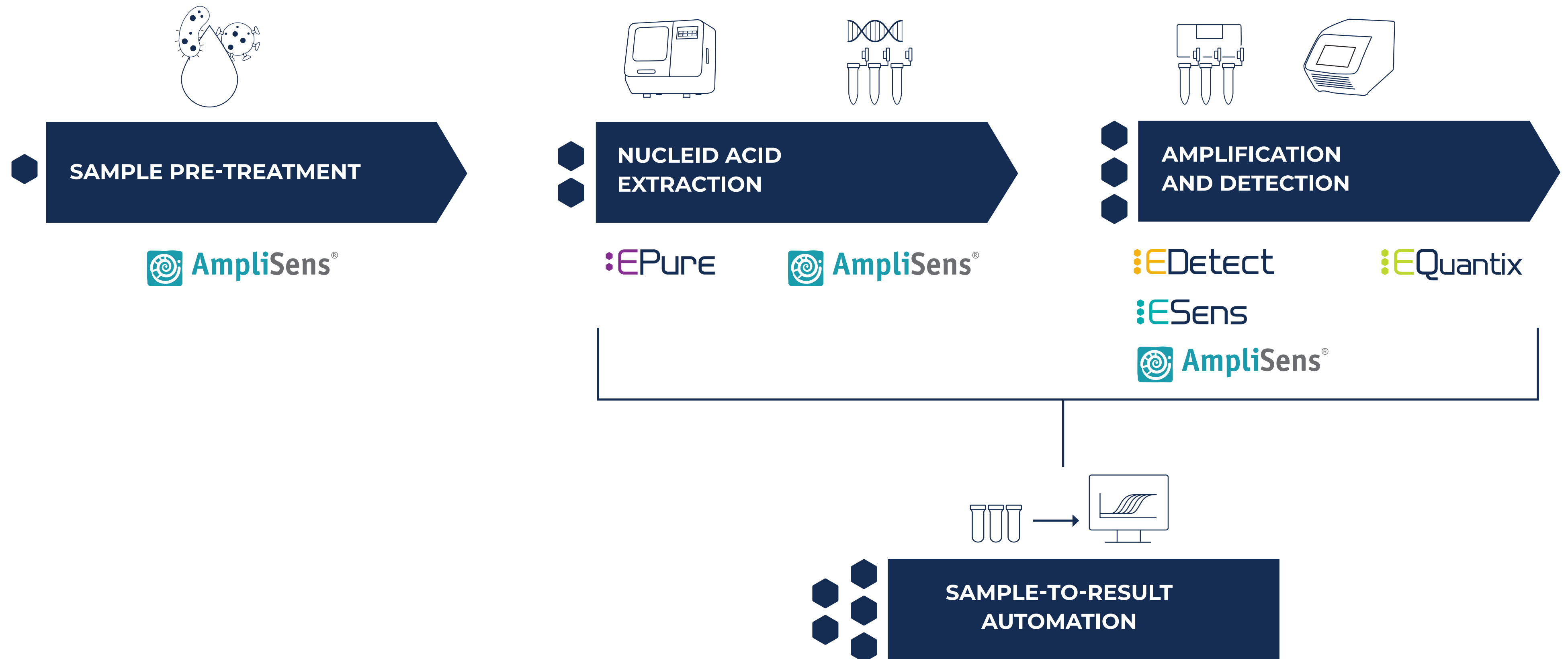
- OEM, similar technology to ePure, in 12 months

Sample-To-Result Platform Gen2

- Integration of
our own extraction technology
eQuantix technology
- In development



Complete solution for PCR diagnostics of infectious diseases from A to Z



Support of our distributors

Scientific & Technical Support

- **Helpful tech-support team**
- **Trainings**
Application and service/hardware
Online or at our facility near Prague
- Extensive resources on our web

Regulatory & Documentation Assistance

- Helpful sales & regulatory team
- Extensive resources on our web

Logistic & Operational Support

- Reliable order and shipping processing
- Support with import/customs documentation

Business Development Support

- Joint participation in exhibitions or conferences
- Lead sharing (inquiries from your territory)



...AND PROVIDING
COMPETITIVE
PORTFOLIO



3 points of contact

Logistics

- **ecolidx@ecolidx.com**

For orders and requests for availability, delivery terms and shipping, product documentation

Tech support

- **techsupport@ecolidx.com**

Pre-sale and post-sale technical questions on products, application support, technical claims, hardware issues

Sales

- **tomas.vydareny@ecolidx.com**

Anything that helps you grow

Requests for special pricing, product registrations, trainings, contracts, authorization letters, events

Business planning





**WE INVITE
YOU TO
VISIT US**



ECOLI