

PRODUCT PORTFOLIO

Innovative solutions for molecular
diagnostics and life sciences



ELIGENE® DIAGNOSTICS

It offers a wide selection of DNA/RNA diagnostic kits for detecting **bacterial and viral infections**, as well as kits for **human genetics**. The kits are compatible with a variety of Real-Time PCR cyclers from different manufacturers. With high sensitivity, they can reliably detect as few as 1–10 copies of pathogenic DNA/RNA in a sample. Moreover, most EliGene® kits provide quantitative results essential for accurate diagnostics.

Bacterial Infections

- EliGene® Legionella pneumophila UNI
- EliGene® Chlamydia pneumoniae UNI
- EliGene® Mycoplasma pneumoniae UNI
- EliGene® Mycoplasma hom/gen UNI **TOP 10**
- EliGene® Chlamydia trachomatis UNI
- EliGene® Neisseria UNI
- EliGene® Ureaplasma UNI
- EliGene® STD GAR/URE/MYC RT **TOP 10**
- EliGene® STD CHT/NEI/TRI RT
- EliGene® STD NEI/TRI RT
- EliGene® MTB UNI **TOP 10**
- EliGene® Borrelia UNI
- EliGene® Anaplasma phagocytophilum UNI
- EliGene® Tick-borne diseases RT **TOP 10**
- EliGene® Babesia/Bartonella RT

Viral Infections

- EliGene® Adenovirus RT
- EliGene® COVID19 Triple RIC RT
- EliGene® Enterovirus LC **TOP 10**
- EliGene® HBV RT
- EliGene® HCV LC
- EliGene® HSV1/HSV2 UNI **TOP 10**
- EliGene® Influenza A/B/pandemic LC
- EliGene® Monkeypox RT
- EliGene® Norovirus LC
- EliGene® TBEV LC
- EliGene® VZV UNI

Human Genetics

- EliGene® Celiac DQ PLUS RT
- EliGene® Coeliac 3.0 RT **TOP 10**
- EliGene® Coeliac RT
- EliGene® Lactose intolerance RT
- EliGene® Spondylitis HLA-B27 RT **TOP 10**
- EliGene® Spondylitis HLA-B27 C6 (cobas® 6800/8800 Systems)



ELIGENE[®] ISOLATION KITS

Column-based isolation, enabling robust and rapid nucleic acid isolation, ensuring high yields, and minimizing the risk of inhibition during PCR. The isolation kits are designed for various clinical samples, including blood, plasma, serum, sputum, urine, sperm, buccal, cervical, ocular, rectal, and urethral swabs, as well as soil, plants, fixed tissues, and more.

The EliGene[®] product line also includes laboratory cleaning and decontaminating agents.



- EliGene[®] MTB Isolation **TOP 10**
- EliGene[®] Urine Isolation Kit **TOP 10**
- EliGene[®] Blood DNA Isolation Kit
- EliGene[®] Viral DNA/RNA Isolation Kit
- EliGene[®] Tissue DNA Isolation Kit
- EliGene[®] FFPE Tissue DNA Isolation Kit
- EliGene[®] Soil DNA Isolation Kit
- EliGene[®] Plant DNA Isolation Kit
- EliGene[®] Gel DNA MiniPrep
- EliGene[®] Plasmid DNA MiniPrep

- EliGene[®] Lab Cleaner A
- EliGene[®] Lab Cleaner B

TOP 10 A selection of the TOP 10 products most favored by our customers.

If you'd like to try our kits, you can get inspired by this selection or order a trial pack of any of our kits.

ELIZYME™ POLYMERASES

Our EliZyme™ polymerases are renowned for their exceptional performance in **routine laboratory applications** as well as **scientific research**. They offer rapid amplification, resistance to PCR inhibitors, amplification of challenging templates, long range PCR up to 35 kb, 3'-5' exonuclease activity, ultrasensitive cDNA synthesis, one-step Real-Time PCR, and other key benefits.

End-Point PCR

- EliZyme™ FAST Taq
- EliZyme™ HS FAST
- EliZyme™ HS Robust
- EliZyme™ HIFI
- EliZyme™ HS HIFI MIX
- EliZyme™ ProofRead
- EliZyme™ ProofRead HS

End-Point RT-PCR

- EliZyme™ OneS Kit



qPCR

- EliZyme™ Green MIX
- EliZyme™ Probe MIX
- EliZyme™ Super HRM MIX
- EliZyme™ Super Probe MIX

qRT-PCR

- EliZyme™ OneS Green Kit
- EliZyme™ OneS Probe Kit
- EliZyme™ OneS Super Probe MIX
- EliZyme™ OneS Viral Probe Kit

NGS

- EliZyme™ Library Quantification Kit

Isothermal Amplification

- EliZyme™ LAMP
- EliZyme™ LAMP OneS MIX

PCR Accessories

- EliZyme™ Reverse Transcriptase
- EliZyme™ Reverse Transcriptase 2.0
- EliZyme™ RiboProtect
- EliZyme™ dNTP MIX
- EliZyme™ Ladder

LABORATORY CONSUMABLES α PLASTIC™

The wide range of laboratory PCR plastics under our α Plastic™ brand is primarily used in research experiments and clinical diagnostics in molecular biology. It is suitable for liquid handling, storage, and sealing.

- PCR Microtubes
- PCR/qPCR 8-well strips
- PCR/qPCR 96-well plates
- Sealing films
- Pipette tips
- Tube opener



LABORATORY SERVICES

We also offer additional services to our customers:

- Custom oligonucleotide synthesis
- Instrument servicing
- Cleanroom validation
- Remote application specialist support



ABOUT US

ELISABETH PHARMACON, founded in 2001 and headquartered in Czech Republic, is an innovative biotech company specializing in the **development, manufacturing, and distribution of *in vitro* diagnostic medical devices and products**. Our diverse portfolio includes advanced DNA diagnostic solutions, high-quality DNA polymerases, and nucleic acid isolation kits. We also offer a comprehensive range of PCR plastic consumables, laboratory equipment, and instruments designed to meet the needs of **research, medical, veterinary, and food-related sectors**.

The products we offer meet the highest quality standards. ELISABETH PHARMACON is certified according to **ČSN EN ISO 9001:2016** and **ČSN EN ISO ed. 2 13485:2016** standards.

ADVANTAGES OF ELIGENE® DETECTION KITS

- The usage of the **Internal Control** allows to monitor the extraction procedure and to check possible PCR inhibition
- Kits are supplied **with Positive control** allowing quality control of the analysis
- Simultaneous amplification (multiplex) of DNA/RNA from pathogen and internal control in one PCR tube
- The usage of **Hot-Start technology** minimizes the risk of non-specific reaction and provide ultimate sensitivity 1-10 copies of nucleic acid/reaction
- The usage of **Ready to use Mastermixes** containing all reaction components for easier reaction setup and handling
- To ensure the highest quality of our kits, the raw material from the leading providers is used
- **Quantitative Standards** in specific kits enables to precisely determine the NA load from 10^2 to 10^6 copies/reaction
- High stability of used reagents
- The usage of EliGene® UNI kits enables a complete detection in **50 minutes**
- We provide a **free sample kit** (10 reactions) or a 50% discount on the first original pack (50 reactions)
- **Compatibility of the kits with a broad range** of instruments capable to detect dyes in FAM, HEX, TexasRed and Cy5 spectra
- Kits are **CE certified IVD**

CE

IVD

EliGene® kits have been validated on:

- **Applied Biosystems:** ABI 7300, 7500, 7500FAST
- **Roche:** LightCycler® 480, LightCycler® Nano, LightCycler® 2.0
- **Qiagen:** Rotor-Gene 6000, Rotor-Gene Q
- **Thermo Fisher Scientific:** QuantStudio 3, QuantStudio 5
- **Bio-Rad:** CFX96 Touch Real-Time PCR Detection System
- **Bio Molecular Systems:** MIC qPCR Cyclor

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