



ELITech Microbio

EQA Samples Catalogue



ELITechGroup is an integrated in-vitro diagnostics company that serves hospitals and diagnostic laboratories. The company develops, manufactures and markets a wide range of diagnostic products and solutions – instruments, reagents and software.

ELITechGroup comprises three product lines:

-  Molecular Diagnostics
-  Biomedical Systems
-  Microbiology

ELITechGroup has become a significant player in the worldwide IVD market:

- Headquarters in Paris, with strong European and US presence.
- Direct subsidiaries in France, Italy, UK, Benelux, North America, Australia, New Zealand.
- Serves customers in more than 100 countries

With a global team of about 600 professionals, ELITechGroup is proud to be part of Bruker Corporation. Bruker's science and technology leadership puts ELITechGroup's solutions at the forefront of the industry.



ELITech Microbio

ELITech Microbio relies on its strong credo: to provide reliable and simple diagnostic tools for proximity labs in the Biology area.

Our innovative products are derived from our wide expertise combining agglutination tests and trays for identification or susceptibility testing. We bring our diagnostic support in the fields of **Bacteriology**, **Mycology** and **Parasitology**.

Thanks to substantial investment in research and development in recent years, the company has extended its product and service catalog to the **veterinary care** and **quality assessment** markets.

ELITech Microbio products are manufactured in an integrated plant in Signes, France.

- The company boasts solid know-how throughout the production chain, notably in R&D, manufacturing (expertise in lean manufacturing), quality assurance and logistics.
- ISO 13485 certification.
- 1000 m² of clean rooms, equipped for freeze-drying.

CONTENTS



MICROBIOLOGY

Microbial Agents
Contaminated Blood
Crystals
Antibody and Antigen detection
Microscopic examination

SPECIFIC MATRICES

Total Urine
Puncture Fluid
Synthetic Matrices

BIOCHEMISTRY

Blood Chemistry
Urine Chemistry
Sweat Chemistry

PARASITOLOGY

Microscopic Examination
Stool or stool suspension

Our R&D team can collaborate with organizations to
define and create new specific samples

**All samples and batches to be customized to your
preferences**

We are experts in freeze-drying

- ISO 13485 certification
- Batch size: 100 to 10 000 vials of 0.5 to 5 mL
- Custom certified packaging
- Labelling and sealing: different cap colors and flip off caps
- Flexibility on shipments: logistics center or directly to the laboratories



MICROBIAL AGENTS

Freeze-dried vial with customized concentrations of the following microorganisms.

Minimum stability: 12 months

- **Bacteria:** Enterobacteriaceae, Staphylococci, Streptococci, *Pseudomonas*, *Bordetella*, *C. difficile*, *Mycoplasma*, *Legionella*, *Helicobacter pylori*, *Enterococcus* VAN A, *Enterococcus* VAN B, *Fastidious organisms*, ...
- **Viruses:** Adenovirus, Enterovirus, CMV, ...
- **Fungus:** *Candida*, *Aspergillus*, *Saccharomyces*, *Cryptococcus*, ...
- **Dermatophytes:** *Trichophyton*, *Microsporum*.
- **Mycobacteria:** Tuberculosis or others

CONTAMINATED BLOOD

Kit containing two vials to be mixed.

Minimum stability: 2 months

- Liquid vial with real blood
- Freeze-dried vial with specific germ(s) to be customized with specific concentrations: *Enterobacteria*, *Staphylococcus*, *Streptococcus*, *Listeria*, *Pseudomonas*, yeasts ...

CRYSTALS

Freeze-dried or liquid vial with the following crystals.

Minimum stability: 12 months

- | | | |
|-------------------|-----------------------------------|---------------|
| • Uric acid | • Calcium pyrophosphate dihydrate | • Cholesterol |
| • Ampicillin | • Monosodium urate monohydrate | • Cystine |
| • Apatite | • Oxalate monohydrate | • Struvite |
| • Calcium oxalate | • Corticosteroid | |

ANTIBODY AND ANTIGEN DETECTION

Freeze-dried vial.

Minimum stability: 12 months

- | | |
|--------------------------------------|---|
| • HIV antigen P24 | • <i>Legionella pneumophila</i> antigen |
| • HBS antigen and/or antibody | • <i>Streptococcus pneumoniae</i> antigen |
| • HCV antigen and/or antibody | • <i>Bordetella</i> antigen |
| • <i>Helicobacter pylori</i> antigen | • <i>Bartonella</i> antigen |
| • Syphilis antigen and/or antibody | |

MICROSCOPIC EXAMINATION

Slides for microscopic examination.

Minimum stability: 12 months

- | | |
|-------------|------------------------|
| • Fungus | • Blood smears |
| • Parasites | • Spread vaginal swabs |

TOTAL URINE: CBEU WITH BIOCHEMISTRY PATENTED TECHNIQUE

Kit containing two vials to be mixed.
Minimum stability: 6 months



1. Freeze-dried vial

- Real urine
- Bacteria: strain, enumeration, phenotype resistance
- Crystals: Ampicillin, Calcium oxalate, Cholesterol, Cystine, Oxalate monohydrate, Struvite, Uric acid

2. Liquid vial

- Red and/or white blood cells up to 10^6 cells per mL
- Biochemistry parameters: Amylase, Calcium, Chlorine, Creatinine, Glucose, Magnesium, Microalbumin, Phosphate, Potassium, Protein, Sodium, Urea, Uric acid

PUNCTURE FLUID: CEREBROSPINAL OR KNEE JOINT FLUID

Kit containing two vials to be customized and mixed and one slide
Minimum stability: 6 months



1. Freeze-dried vial

- Infectious germs: bacteria, virus, fungus
- Crystals: Apatite, Calcium pyrophosphate dihydrate, Cholesterol, Corticosteroid, Monosodium urate monohydrate

2. Liquid vial

- Red and/or white blood cells up to 10^6 cells per mL.

3. Slide: Fixed and colored slide for leukocytes formula.

SYNTHETIC MATRICES

Freeze-dried vial with the following viruses, parasites and/or bacteria, the list is not exhaustive.
Minimum stability: 12 months

- **Synthetic Pulmonary matrix** supplemented with *SARS-CoV-2*, *Influenza A, B*, *RSV*, *Mycoplasma pneumoniae*, *Legionella pneumophila*, *Bordetella pertussis*, ...
- **Synthetic Gastrointestinal matrix** supplemented with *Adenovirus*, *Sapovirus*, *Campylobacter*, *Yersinia enterocolitica*, *Vibrio cholerae*, *Escherichia coli* O157, ...
- **Synthetic Vaginal matrix** supplemented with *HSV*, *HPV*, *Chlamydia trachomatis*, *Mycoplasma genitalium*, *Neisseria gonorrhoeae*, ...
- **Synthetic Meningeal matrix** supplemented with *HSV2*, *Neisseria meningitidis*, *Cryptococcus neoformans*, ...
- **Real Stool matrix** supplemented with *Helicobacter pylori*, parasites, ...

BLOOD / SERUM CHEMISTRY

- Freeze-dried or liquid vial.
 Minimum stability: 12 months
- B-hCG
 - Ethanol
 - Procalcitonine
 - Glucose

URINE CHEMISTRY

- Freeze-dried vial.
 Minimum stability: 12 months
- By parameter
- B-hCG
 - Cotinine
 - Glucose
- By Method

Biochemistry analyzers		Strips		Lithiasis
Amylase	Phosphate	Albumin	Ketones	Calcium
Calcium	Potassium	Ascorbic acid	Leukocytes	Citrate
Chlorine	Protein	Bilirubin	Microalbumin	Oxalate
Creatinine	Sodium	Blood	Nitrite	Uric Acid
Glucose	Urea	Creatinine	pH	
Magnesium	Uric acid	Density	Protein	
Microalbumin		Glucose	Urobilinogen	

SWEAT CHEMISTRY

- Liquid vial.
 Minimum stability: 30 months
- Chlorine
 - Conductivity

MICROSCOPIC EXAMINATION

Slides with blood smears or colored thick drop for microscopic examination.

Minimum stability: 12 months

The following list is not exhaustive:

- **Malaria**
- *Entamoeba histolytica*
- *Ascaris lumbricoides*
- *Cryptococcus* spp.
- *Toxoplasma gondii*
- *Schistosoma* spp.

STOOL OR STOOL SUSPENSION

Kit containing one vial.

Minimum stability: 12 months

For concentration supplemented with:

- *Cryptosporidium* oocysts
- Protozoal antigens:
 - *Entamoeba histolytica*
 - *Giardia duodenalis*
 - *Blastocystis hominis*

For PCR supplemented with:

Helminths:

- *Ascaris lumbricoides*
- *Trichuris trichiura*
- *Taenia* sp.
- *Schistosoma mansoni*
- *Dibothriocephalus* sp.

Protozoa:

- *Entamoeba histolytica*
- *Giardia duodenalis*
- *Cryptosporidium* sp.
- *Blastocystis hominis*



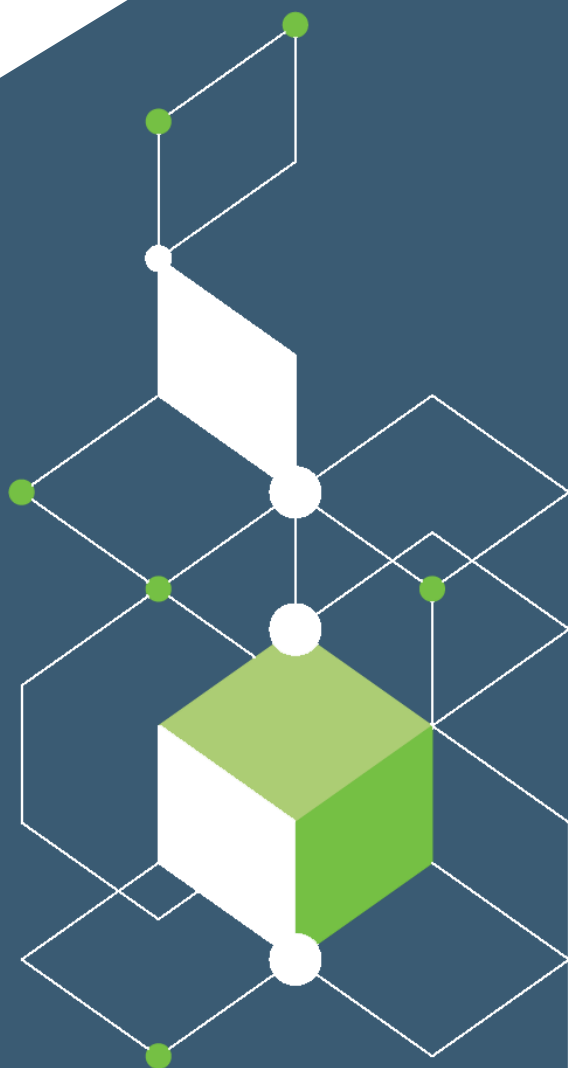


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Note: Product(s) intended for healthcare professionals. Read the instructions on the label and/or instructions for use of the product(s).

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