



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.

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MICROBIOLOGY

Microbial Agents
Gastric Pathogens
Infectious Serology

SPECIFIC MATRICES

Urine
Puncture Fluids
Synthetic matrices

BIOCHEMISTRY

Blood Chemistry
Urine Chemistry
Sweat Chemistry

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 microorganisms

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

Minimum stability: 12 months

- Bacteria: Enterobacteriaceae, Staphylococciae, Streptococciae, Pseudomonaccae, *Bordetella*, *C. difficile*
- Viruses: Adenovirus, Enterovirus, CMV
- Fungus: *Candida*, *Aspergillus*, *Saccharomyces*, *Cryptococcus*
- Dermatophytes: Ringworm
- Mycobacteria: Tuberculosis

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 ...

Urinary antigen

Freeze-dried vial with urine matrice for the detection of *Legionella pneumophila* and *Streptococcus pneumoniae* antigens.

Minimum stability: 12 months

Urine, or synthetic vaginal matrices

Freeze-dried vial containing enumerated strains of *Mycoplasma hominis* or *Ureaplasma urealyticum* with a selected antibiotic resistance.

Minimum stability: 12 months

GASTRIC INFECTIONS

Freeze-dried vial.

Minimum stability: 12 months

- *Helicobacter pylori* antigen in stool
- *Helicobacter pylori* PCR

ANTIBODY AND ANTIGEN DETECTION

Freeze-dried vial.

Minimum stability: 12 months

- **HIV** antigen P24
- **HBS** antigen and/or antibody
- **HCV** antigen and/or antibody
- **Syphilis** antigen and/or antibody

URINE

PATENTED TECHNIQUE

Total Urine: CBEU (Cytobacteriological examination of urine) and biochemistry

Kit containing two vials to be mixed.

Minimum stability: 6 months

**1. Freeze-dried vial**

- Real urine
- Bacteria: strain, enumeration, phenotype resistance

2. Liquid vial

- Red and/or white blood cells up to 10^6 cells per mL
- Crystals: Struvite, Cholesterol, Oxalate
- 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

- Specific crystals: Urate, Pyrophosphate, Corticosteroid
- Infectious germs: bacteria, virus, fungus

2. Liquid vial

- Red and/or white blood cells to be customized with specific concentrations: up to 10^6 cells per mL.

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

SYNTHETIC MATRICES

Freeze-dried synthetic matrices supplemented with viruses, parasites and/or bacteria

Freeze-dried vial with the following, the list is not exhaustive.

Minimum stability: 12 months

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

BLOOD / SERUM CHEMISTRY

Freeze-dried or liquid vial.

Minimum stability: 12 months

- **B-hCG**
- **Procalcitonine**
- **Ethanol**
- **Vitamin D**
- **Glucose**

URINE CHEMISTRY

Freeze-dried vial.

Minimum stability: 12 months

By parameter

- **B-hCG**
- **Cotinine**
- **Glucose**

By Method

• Biochemistry analyzers

Amylase	Phosphate
Calcium	Potassium
Chlorine	Protein
Creatinine	Sodium
Glucose	Urea
Magnesium	Uric acid
Microalbumin	

• Strips

Albumin	Ketones
Ascorbic acid	Leukocytes
Bilirubin	Microalbumin
Blood	Nitrite
Creatinine	pH
Density	Protein
Glucose	Urobilinogen

• Lithiasis

Calcium
Citrate
Oxalate
Uric Acid

SWEAT CHEMISTRY

Liquid vial.

Minimum stability: 30 months

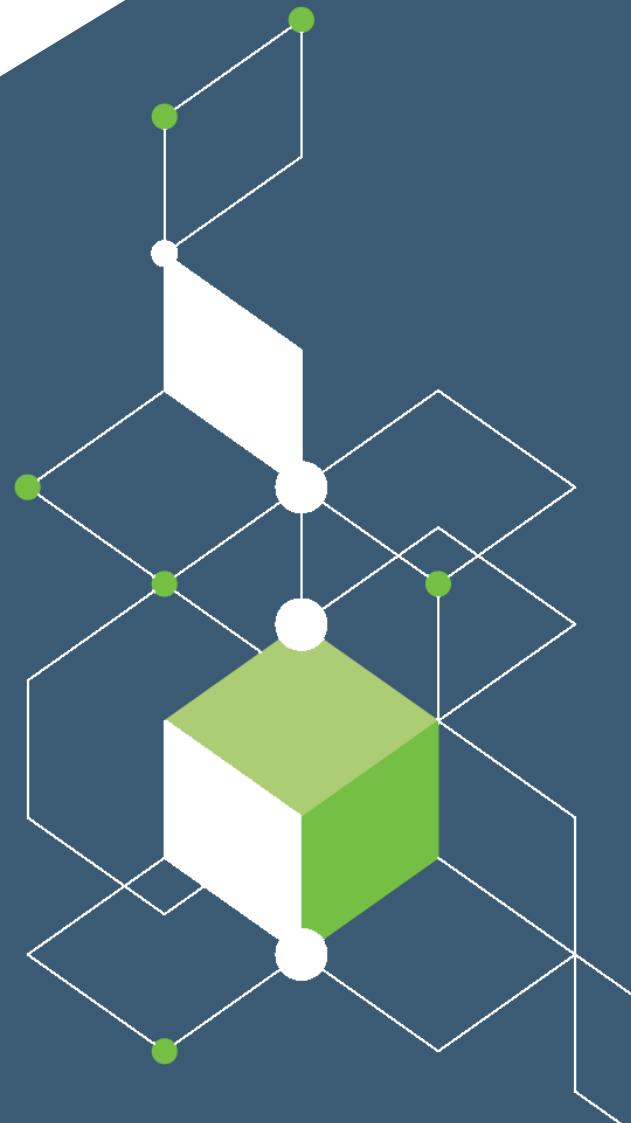
- **Chlorine**
- **Conductivity**

Notes





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France



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