



QUANTITATIVE STRAINS IN MICROKIT LENTICLES

Finally a full range of certified, stable, high-quality quantitative strains with a long shelf life!



They are ideal in microbiological quality control for monitoring the fertility of media, as well as for validations, because they contain known amounts of CFU in each lenticle.



The gelatin lenticle format allows them to be seeded straight from the cryovial into the culture medium without any need for holders or tweezers.



The quality control certificate testifies the authenticity and traceability of microorganisms, gives the number of seeds from the TYPE collection (1, 2 or 3), and specifies the average quantitative value of the batch (CFU per lenticle), as well as the uncertainty, the range and the Variation Coefficient in TSA/SDA and in the most typical selective medium.



The MICROKIT lenticle strains available with immediate delivery are:

Strains

<i>Aspergillus niger</i>	<i>Escherichia coli</i>	<i>Pseudomonas aeruginosa</i>
<i>Bacillus cereus</i>	<i>Klebsiella aerogenes</i>	<i>Rhodotorula mucilaginosa</i>
<i>Bacillus subtilis</i>	<i>Klebsiella oxytoca</i>	<i>Saccharomyces cerevisiae</i>
<i>Bacillus thuringiensis</i>	<i>Lactobacillus MIX</i>	<i>Salmonella nottingham</i>
<i>Burkholderia cepacia</i>	<i>Legionella pneumophila</i>	<i>Staphylococcus aureus</i>
<i>Candida albicans</i>	<i>Listeria innocua</i>	<i>Serratia marcescens</i>
<i>Citrobacter freundii</i>	<i>Listeria ivanovii</i>	<i>Shigella sonnei</i>
<i>Clostridium perfringens</i>	<i>Listeria monocytogenes</i>	<i>Staphylococcus epidermidis</i>
<i>Clostridium sporogenes</i>	<i>Listeria welshimeri</i>	<i>Yersinia enterocolitica</i>
<i>Enterococcus faecalis-D</i>	<i>Micrococcus luteus</i>	Other strains on request

The CFU concentration per pellet varies between batches: request us for the current stock

- ➔ We recommend the use of quantitative lenticle strains for analysis of sensitivity, specificity, efficiency, accuracy, precision and for knowing the detection/quantification limit, as well as routine quality control to verify the productivity of culture media.
- ➔ We suggest that this strains, after use, can be stored in CRYOTECA/ANAEROTECA vials for subsequent qualitative analysis with working strains.

INSTRUCTIONS FOR USE:

1. Open the cryovial face down so the lenticle fall within the cap.
2. Turn the cap on a tube containing Ringer solution or saline (never distilled water or nutrient media) or specific revitalizing broth (for use in SEILA intercomparative service). Pay attention to the lenticle fall into the broth and not remain stuck to the walls (which slow down enough its dissolution). If it is floating, lightly tap until fall to the bottom.
3. Stir with vortex for 10 seconds and let stand 10 minutes, checking that the lenticle is in the background and not on the walls of the tube.
4. After 10 minutes, stir again with the vortex until no trace of the lenticle, this operation varies with conditions and can take a few seconds to several minutes.
5. If you used a tube with 1 ml of solution, count per milliliter is exactly the lenticle counting that appears on the certificate of analysis. If it has been used a tube with 10 ml of solution, count per milliliter is tenth (10-1) of the lenticle count certificate. If it has been used a bottle with 100 ml solution, the count per milliliter is one hundredth (10-2) of the lenticle count certificate.

Format :

- ★ In boxes of 10 units (10 lenticle, each in one cryovial).
- ★ Average stability 1 year from manufacture
- ★ Very special prices for orders of more than 5 strains
- ★ Not available out of EU nor in UK

