

# YEASTCYTE<sup>®</sup> Reagent Kit

The EASY way to obtain rapid viability analysis of your yeast cells

YeastCyte<sup>®</sup> Reagent kit contain the following and is sufficient for around 200 tests.

Prod. No. 3010	Description	Contains
Solution A	Sheat liquid	100ml 100x concentrate
Solution B	Dye	700ml ready to use
Solution C	Cleaning	50ml 10x concentrate
Solution E	5um Test particle	100ml ready to use

## Key advantages:

- Easy to use, only add filtered water to concentrate
- Rapid
- Automatic mixing of sample and dye
- reproducible results



*Reagent Kit*

Every kit is carefully designed to obtain accurate counting of Yeast cells, total and viable. The set also include cleaning solution to keep instrument all time ready to use, and control particles for checking correct flow. All you need is to add filtered water into concentrate. Combined with YeastCyte Bottle and Tube kit( prod 3020) you will ensure you have containers that fit. The measurements are carried out in our YeastCyte<sup>®</sup>, which provides reproducible and recordable results within 1 minute from sampling. The records will be present on a PC. More information about YeastCyte<sup>®</sup> is available on [www.biodetect.no](http://www.biodetect.no).

### Not included in kit

Solutions: **Particle free water (deionised/distilled water filtered through 0.22 µm disposable filter).**

Disposables: **Gloves.**

### Safety

**Material Safety Data Sheets regarding the supplied chemicals and reagents.**  
See **User Handbook** for general instrument safety.

### Preparation of solutions and reagents

Sheath liquid

**Mix the sheath liquid concentrate with 10,0 litres of filtered (0,22 µm), deionised water.**

Cleaning solution

**Mix the concentrate with 450 ml of filtered (0,22 µm), deionised water.**

### Measurement

**Measure cell concentration and viability on YeastCyte as described in the User Handbook**

NOTE: This product is sold for research use only. It is not intended for food, drug, household, agricultural or cosmetic use. The use of this product must be supervised by a technically qualified person who has experience in handling potentially hazardous chemicals. *BioDETECT AS* shall not be held liable for any damage resulting from handling or contact with this product.

### Other useful information:

<u>Storage</u>	4-8 °C
<u>Expire Date</u>	Best before 12 months after production date
<u>No. of tests</u>	200 per kit

For more information, please contact your nearest YeastCyte<sup>®</sup> representative or *BioDETECT AS*.

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*BioDETECT* develops, manufactures and markets instruments and kits targeted at the pharmaceutical, beverage, water, military/civil defense and OEM markets. The products aim at offering robust, rapid and accurate enumeration and analysis of microorganisms from a liquid, air or powder sample.