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| **910-0015** | **Reagent Y200 100 ml** |
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| **Contents** | 100 ml **Reagent Y200***.*  **Reagent Y200**is a neutral aqueous solution of surfactants and inorganic salts. The pH value is in the range of 6.9-7.1. |
| Application | **Reagent Y200** is used for permeabilization of yeast cells and for dilution purposes of the yeast sample. For yeast it is recommended to dilute the sample between 10 and 1000 times by serial dilutions of factor 10, until the optimal count of between 1x105 cell/ml to 1x107 cell/ml is reached. The recommended dilutions of factor 10 may be achieved by adding 50 μl of suspension to 450 μl of **Reagent Y200**. |
| Principle | **Reagent Y200** permeabilizes the yeast cell wall and membranes, allowing homogenous staining of the nuclei using DNA binding dyes such as acridine orange, DAPI and propidium iodide. |
| **Use** | The solution is for research use only (RUO) and is not for diagnostic or therapeutic use. |
| **Storage** | Store at room temperature. |
| **Stability** | Unopened bottles can be stored until the expiry date indicated on the bottle. The solution is produced 18 months prior to the expiry date.  We recommend using the solution no later than the expiry date or two (2) months after opening the bottle, whichever comes first. |
| **Safety information** | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If a spill is observed, perform a clean-up of the area which may have been in contact with the solution.  Use gloves and suitable protective clothing.  Please also refer to the SDS regarding safety information. |
| **Disposal** | After use, dispose of the bottle following national or local laws and regulations, according to the nature of its contents. |