



Product Information

Glucose-6-phosphate dehydrogenase from *Saccharomyces cerevisiae*, Lyophilized powder

Cat. No.: X23-06-YM147

Size: 150 U; 250 U; 2 KU

Enzyme Commission Number: 1.1.1.49

Synonym: G6PD; G6PDH; NADP Glucose 9-phosphate dehydrogenase

This product is for research use only and is not intended for diagnostic use.

Product Information

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| Description | Glucose-6-phosphate dehydrogenase from <i>Saccharomyces cerevisiae</i> , is a considerable enzyme in the pentose phosphate pathway that leads to the construction of 6-phosphogluconolactone and NADPH to glucose-6-phosphate and NADP ⁺ . |
| Molecular Weight | 128 kDa |
| Unit Definition | One unit reduces one micromole of NAD per minute at 30°C, pH 7.8, using glucose-6-phosphate as substrate. |
| Source | <i>Saccharomyces cerevisiae</i> |
| Form | Lyophilized powder |
| Applications | Glucose-6-phosphate dehydrogenase from <i>Saccharomyces cerevisiae</i> applies to the detection of some hexoses in carbohydrate studies and the dairy industries. |
| Storage | Store at 4°C. |