



Product Information

Glucose-6-phosphate dehydrogenase from *Leuconostoc mesenteroides*, Lyophilized powder

Cat. No.: X23-06-YM145

Size: 200 U; 1 KU; 2 KU

Enzyme Commission Number: 1.1.1.49

Synonym: G6PD; G6PDH; NADP Glucose 7-phosphate dehydrogenase

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

Product Information

Description	Glucose-6-phosphate dehydrogenase from <i>Leuconostoc mesenteroides</i> , lyophilized powder is a considerable enzyme in the pentose phosphate pathway that leads to the constriution 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>Leuconostoc mesenteroides</i>
Form	Lyophilized powder
Applications	Glucose-6-phosphate dehydrogenase from <i>Leuconostoc mesenteroides</i> applies to the detection of some Hexoses in carbohydrate studies and the dairy industries.