

Recombinant Glucose-6-phosphate dehydrogenase (rG6PDH (LM))

CATALOG NUMBER:	A116
SOURCE:	Recombinant G6PDH produced in <i>E. coli</i> .
FORM:	Lyophilized powder
SPECIFIC ACTIVITY:	> 850 U/mg (at 30°C and pH 7.8)
CONTAMINANTS:	Percentage of rG6PDH activity: Hexokinase < 0.01% Phosphoglucose isomerase < 0.005% Phosphoglucose dehydrogenase < 0.001% Creatine kinase < 0.001% Glutathione reductase < 0.001% Phosphoglucomutase < 0.001% Myokinase < 0.001% Lactate dehydrogenase < 0.01%
ADDITIONAL INFORMATION:	rG6PDH reacts with both coenzymes, NAD and NADP and catalyzes conversion of glucose 6-phosphate to 6-phospho-delta-gluconolactone. It is usually combined with hexokinase for enzymatic assay of glucose in food or other biological materials.
STORAGE:	-20 ^o or colder for long term storage
INTENDED USE:	For Research Use Only. Not intended for diagnostic use. Suitable for use in immunoassay development or other applications.