

## Product Datasheet

### Glycerol-3-phosphate Dehydrogenase (GPDH), Rabbit Muscle 276-50

**Product Name** Glycerol-3-phosphate Dehydrogenase (GPDH), Rabbit Muscle

**Catalog Number** 276-50

**Alternative Names** GPDH, G3PDH, GPD, Glycerophosphate Dehydrogenase

**Brand** Lee Biosolutions

**Form/Appearance** Ammonium Sulfate suspension

**Concentration** 5.0 - 25.0 mg protein/mL (Biuret)

**Storage** 2-8°C

**Purity** Purified

**CAS Number** 9075-65-4

**Source** Rabbit Muscle

**Molecular Weight** 75200

**Shelf Life** One year from date of manufacture

**Biological Activity** 100-300 U/mg protein

**Content** Lactate Dehydrogenase:  $\leq 0.01$  %  
Pyruvate Kinase  $\leq 0.01$  %  
Triosephosphate isomerase  $\leq 0.02$  %  
Aldolase:  $\leq 0.01$  %  
Glyceraldehyde-3-Phosphate Dehydrogenase:  $\leq 0.01$  %

**Specific Activity** 100 - 300 U/mg protein

**Unit Definition** One unit will catalyze the reduction of one micromole of dihydroxyacetone phosphate to alpha-glycerophosphate per minute at pH 7.4 and 25°C.