

Mutarotase, Porcine Kidney Enzyme

Mutarotase, Porcine Kidney (Aldose 1-Epimerase, BLOCK25 Protein, Galactose Mutarotase, GALM)

CATALOG # AAA14845	HOST Porcine kidney
------------------------------	-------------------------------

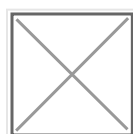
PRODUCT SYNONYMS

Mutarotase; Porcine Kidney; Porcine Kidney (Aldose 1-Epimerase; BLOCK25 Protein; Galactose Mutarotase; GALM); Porcine Kidney enzyme

PRODUCT SPECIFICATIONS

Host	Porcine kidney
Purity/Purification	Molecular Biology Grade
Form/Format	Supplied as a suspension in 80% saturated ammonium sulfate solution.
Concentration	5.1 mg/ml (varies by lot)
Source	Porcine Kidney
Specific Activity	27823 U/ml 5455 U/mg protein 4606 U/E280
Unit Definition	That amount of enzyme causing an increase in the rate of spontaneous mutarotation of one micromole of alpha-D-glucose to beta-D-glucose, per minute at 25°C and pH 7.0. One unit as described above is equivalent to approximately 0.04 unit in a glucose dehydrogenase-coupled assay at 25°C and pH 7.2 or approximately 0.0035 unit in a GO/HRP coupled assay at 37°C and pH 7.2.
Preparation and Storage	Store at 4°C. Do not freeze. Stable for 6 months after receipt. For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer.

IMAGES



Application Data

5.1.3.3; Aldose 1-Epimerase; BLOCK25 Protein; Galactose Mutarotase; GALM

ADDITIONAL INFORMATION

Related Product Information for Mutarotase, Porcine Kidney enzyme	For the rapid determination of glucose in conjunction with glucose oxidase, and peroxidase.
Product Categories/Family for Mutarotase, Porcine Kidney enzyme	Molecular Biology; MB-Enzymes

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.