

Active Native Porcine Mutarotase

Cat. No. GALM-40P **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Pig
Source	Porcine Kidney
ProteinLength	342 aa
Predicted N Terminal	~>1500 units/mg for the powder or ~5000 units/mg for the suspension (or see lot sp. conc on the vial)
Form	Ammonium Sulphate Suspension
Bio-activity	~>1500 units/mg for the powder or ~5000 units/mg for the suspension
Molecular Mass	37-40 kda
Unit Definition	The amount of enzyme which causing an increase in the rate of spontaneous mutarotation of α-D-Glucose to β - the decomposition of one micromole of H ₂ O ₂ per minute at 25°C and pH 7.00. One unit as described above is equivalent to approx. 0.04 units in glucose dehydrogenase coupled assay at 25°C and pH 7.2 or approx. 0.0035 units in GO/HRP coupled assay at 37°C. and pH 7.2.
Usage	For research use only, not for diagnostic or therapeutic use.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Enzyme activity of the lot is specified on the vial. The powdered enzyme should be stored in the freezer (?20°C). If properly stored, these products have a shelf life of at least two years.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA