

## Rat PEMT ELISA Kit | PEMT elisa kit

Rat PEMT (Phosphatidylethanolamine N-methyltransferase) ELISA Kit

CATALOG #  
**AAA165875**

REACTIVITY  
**Rat**

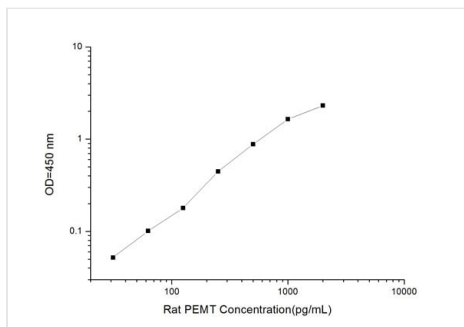
### PRODUCT SYNONYMS

PEMT; Rat PEMT (Phosphatidylethanolamine N-methyltransferase) ELISA Kit; PEMT elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                              |
| Specificity             | This kit recognizes natural and recombinant RatPEMT. No significant cross-reactivity or interference between RatPEMT and analogues was observed. |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                 |
| Assay Type              | Sandwich                                                                                                                                         |
| Detection Range         | 31.25-2000pg/mL                                                                                                                                  |
| Sensitivity             | Min: 18.75pg/mL; Max: 2000pg/mL                                                                                                                  |
| Preparation and Storage | Store at 4 degree C.                                                                                                                             |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PEMT elisa kit

**Intended Uses:** This ELISA kit applies to the invitro quantitative determination of RatPEMT concentrations in serum, plasma and other biological fluids.

**Principle of the Assay:** This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PEMT. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PEMT and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PEMT, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PEMT. You can calculate the concentration of PEMT in the samples by comparing the OD of the samples to the standard curve.

**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.

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