

## Human Phosphatidylinositol-glycan-specific phospholipase D (GPLD1) ELISA Kit

Cat #:KTE61937

Lot #: Refer to product label

This Human Phosphatidylinositol-glycan-specific phospholipase D (GPLD1) ELISA Kit employs a two-site sandwich ELISA to quantitate GPLD1.

### Product Information

<b>Product name</b>	Human Phosphatidylinositol-glycan-specific phospholipase D (GPLD1) ELISA Kit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA
<b>Application notes</b>	This Human Phosphatidylinositol-glycan-specific phospholipase D (GPLD1) ELISA Kit employs a two-site sandwich ELISA to quantitate GPLD1 in samples. An antibody specific for GPLD1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPLD1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPLD1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GPLD1 bound in the initial step. The color development is stopped and the intensity of the color is measured..

### Specification

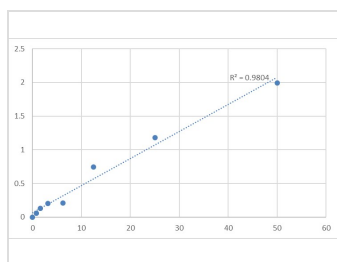


Fig.1. Human Phosphatidylinositol-glycan-specific phospholipase D (GPLD1) Standard Curve.



Fig.2. Abbkine ELISA kit is series of sandwich ELISA to quantitate specific protein in samples.

### Product Properties

<b>Storage instructions</b>	The unopened kit should be stored at 2 - 8°C. After opening, please store refer to protocols.
<b>Shipping</b>	Gel pack with blue ice.
<b>Precautions</b>	The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

### Additional Information

<b>Background</b>	Many proteins are tethered to the extracellular face of eukaryotic plasma membranes by a glycosylphosphatidylinositol (GPI) anchor. The GPI-anchor is a glycolipid found on many
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blood cells. The protein encoded by this gene is a GPI degrading enzyme.

Glycosylphosphatidylinositol specific phospholipase D1 hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans, thereby releasing the attached protein from the plasma membrane.

**Gene ID**

2822

**Alternative names**

GPLD1; GPIPLD; GPIPLDM; MGC22590; PIGPLD; PIGPLD1; GPI-specific phospholipase D; glycoprotein phospholipase D; glycosylphosphatidylinositol-specific phospholipase D; glycosylphosphatidylinositol specific phos

**Accession**

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