

Human Polymeric Immunoglobulin Receptor (PIGR) RTU ELISA Kit | PIGR rtu elisa kit

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CATALOG #
AAA217792

REACTIVITY
Human

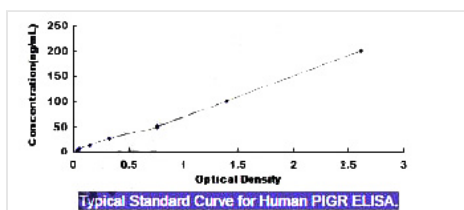
PRODUCT SYNONYMS

Polymeric Immunoglobulin Receptor (PIGR); Human Polymeric Immunoglobulin Receptor (PIGR) ELISA Kit; SC; Secretory Component; Hepatocellular carcinoma-associated protein TB6; PIGR rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PIGR. No significant cross-reactivity or interference between PIGR and analogues was observed.
Sequence Length	764
Samples	Serum, plasma, urine, saliva or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	3.12-200ng/mL
Sensitivity	< 1.25ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PIGR were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PIGR were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIGR rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PIGR in human serum, plasma, urine, saliva or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PIGR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PIGR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PIGR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PIGR in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31377806
NCBI GeneID	5284
NCBI Accession #	NP_002635.2
NCBI GenBank Nucleotide #	NM_002644.3
UniProt Accession #	P01833; Q68D81; Q8IZY7
Molecular Weight	83,284 Da
NCBI Official Full Name	polymeric immunoglobulin receptor
NCBI Official Synonym Full Names	polymeric immunoglobulin receptor
NCBI Official Symbol	PIGR
NCBI Protein Information	polymeric immunoglobulin receptor
UniProt Protein Name	Polymeric immunoglobulin receptor
UniProt Gene Name	PIGR
UniProt Synonym Gene Names	PIgR; Poly-Ig receptor

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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Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/polymeric-immunoglobulin-receptor-pigr/217792>