

Rat Glycoprotein 39, Cartilage (GP39) RTU ELISA Kit | GP39 rtu elisa kit

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CATALOG #
AAA70967

REACTIVITY
Rat

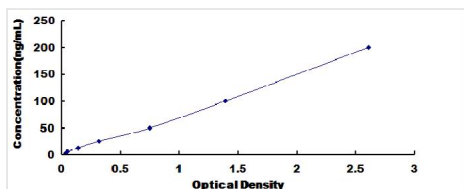
PRODUCT SYNONYMS

Glycoprotein 39; Cartilage (GP39); Rat Glycoprotein 39; Cartilage (GP39) ELISA Kit; CHI3L1; CHI3-L1; YKL40; Chondrex; Chitinase 3-Like 1; Chondrocyte Protein YKL40; 39 kDa synovial protein; GP39 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	391
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	3.12-200ng/mL
Sensitivity	1.15ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
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 GP39 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GP39. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GP39. 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 GP39, 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 $\pm$ 10nm. The concentration of GP39 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	832626572
NCBI GeneID	89824
NCBI Accession #	NP_001296749.1
NCBI GenBank Nucleotide #	NM_001309820.1
UniProt Accession #	Q9WTV1; Q5BJR6
Molecular Weight	42,392 Da
NCBI Official Full Name	chitinase-3-like protein 1 isoform 1
NCBI Official Synonym Full Names	chitinase 3 like 1
NCBI Official Symbol	Chi3l1
NCBI Official Synonym Symbols	Chil1; GP-39; CGP-39
NCBI Protein Information	chitinase-3-like protein 1
UniProt Protein Name	Chitinase-3-like protein 1
UniProt Gene Name	Chi3l1
UniProt Synonym Gene Names	CGP-39; GP-39

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/rat-rtu-elisa-kits/glycoprotein-39-cartilage-gp39/70967>