

Mouse Glycoprotein 39, Cartilage (GP39) ELISA Kit | gp39 elisa kit

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CATALOG #
AAA82444

REACTIVITY
Mouse

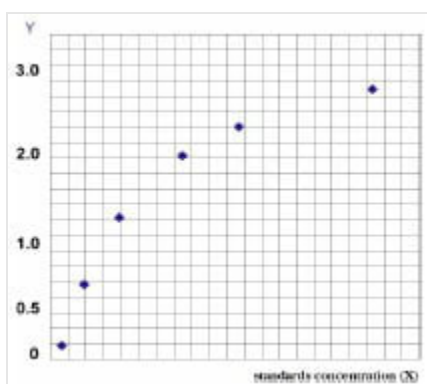
PRODUCT SYNONYMS

Glycoprotein 39; Cartilage (GP39); Mouse Glycoprotein 39; Cartilage (GP39) ELISA Kit; Cartilage ELISA Kit (GP39) (Mouse); gp39 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for gp39 elisa kit

Intended Uses: This GP39 ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of GP39 in the sample, this GP39 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus GP39 concentration. The concentration of GP39 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This GP39 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for GP39. Standards or samples are then added to the microtiter plate wells and GP39 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GP39 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for GP39 are added to each well to "sandwich" the GP39 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GP39 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

Product Categories/Family for gp39
elisa kit

Mouse ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	340396766
NCBI Official Full Name	gp39

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/mouse-elisa-kits/glycoprotein-39-cartilage-gp39/82444>