

Mouse cyp8b1 ELISA Kit

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CATALOG #
AAA246166

REACTIVITY
Mouse

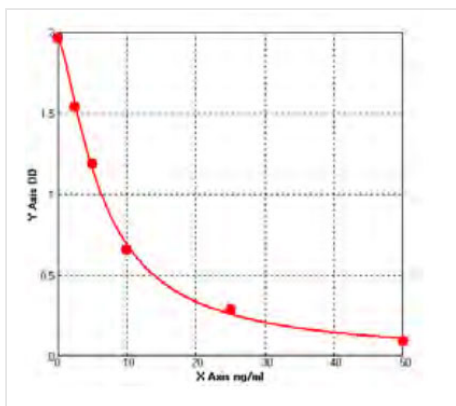
PRODUCT SYNONYMS

cyp8b1; mouse cyp8b1 ELISA Kit; cyp8b1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CYP8B1. No significant cross-reactivity or interference between CYP8B1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CYP8B1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This cyp8b1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse cyp8b1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cyp8b1 elisa kit	Principle of the Assay: CYP8B1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CYP8B1 antibody and an CYP8B1-HRP conjugate. The assay sample and buffer are incubated together with CYP8B1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CYP8B1 concentration since CYP8B1 from samples and CYP8B1-HRP conjugate compete for the anti-CYP8B1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CYP8B1 from the sample, fewer sites are left to bind CYP8B1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYP8B1 concentration in each sample is interpolated from this standard curve. Intended Uses: This CYP8B1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CYP8B1. This ELISA kit for research use only, not for therapeutic or test applications!
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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://www.aaabiotech.com/mouse-elisa-kits/cyp8b1/246166>