

Mouse Tyrosinase ELISA Kit | Tyr elisa kit

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CATALOG #
AAA85775

REACTIVITY
Mouse

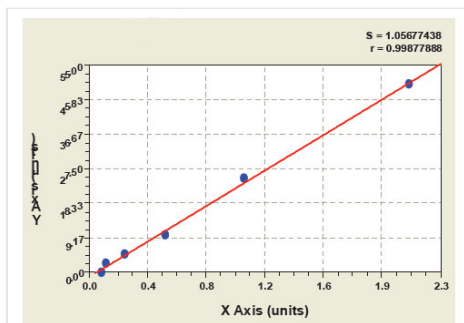
PRODUCT SYNONYMS

Tyrosinase; Mouse Tyrosinase ELISA Kit; Tyr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This TYR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse TYR. 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 Tyr elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	329025995
Molecular Weight	19,455 Da
NCBI Official Full Name	TYR, partial
UniProt Protein Name	TYR
UniProt Gene Name	TYR
UniProt Entry Name	F5CQG8_MEGNO

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/tyr-mouse-elisa-kits/tyrosinase/85775>