

Canine Tyrosinase ELISA Kit | Tyr elisa kit

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CATALOG #
AAA93397

REACTIVITY
Canine

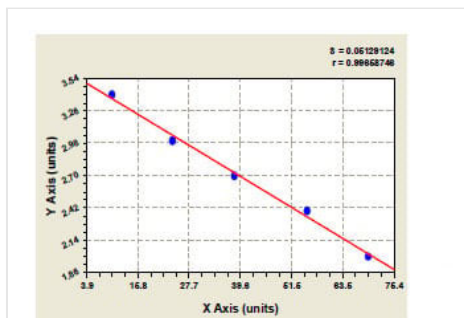
PRODUCT SYNONYMS

Tyrosinase; Canine Tyrosinase ELISA Kit; Tyr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tyr elisa kit

Intended Uses: This Tyrosinase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Tyrosinase. This ELISA kit for research use only!

Principle of the Assay||Tyrosinase ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Tyrosinase antibody and an Tyrosinase-HRP conjugate. The assay sample and buffer are incubated together with Tyrosinase-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 Tyrosinase concentration since Tyrosinase from samples and Tyrosinase-HRP conjugate compete for the anti-Tyrosinase antibody binding site. Since the number of sites is limited, as more sites are occupied by Tyrosinase from the sample, fewer sites are left to bind Tyrosinase-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Tyrosinase 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://www.aaabiotech.com/tyr-canine-elisa-kits/tyrosinase/93397>