

Canine Glutathione S Transferases ELISA Kit | GSTpi elisa kit

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CATALOG #
AAA92716

REACTIVITY
Canine

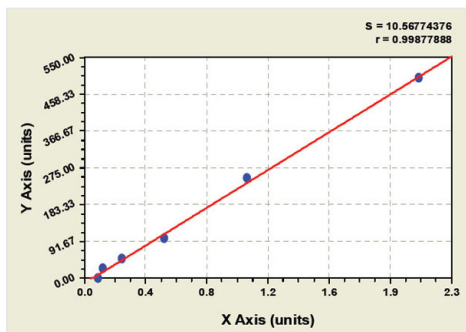
PRODUCT SYNONYMS

Glutathione S Transferases; Canine Glutathione S Transferases ELISA Kit; GSTpi elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This GST ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GST. 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 GSTpi elisa kit

Principle of the Assay: GST ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GST. Standards or samples are then added to the microtiter plate wells and GST if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GST present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GST are added to each well to "sandwich" the GST 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 GST 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 GST concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83725252
Molecular Weight	24,506 Da
NCBI Official Full Name	Glutathione-S-transferases
UniProt Protein Name	Glutathione-S-transferases
UniProt Entry Name	A3RVP1_RALSL

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/gstpi-canine-elisa-kits/glutathione-s-transferases/92716>