

Canine Oxidized Glutathione ELISA Kit | GSSG elisa kit

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CATALOG #
AAA17122

REACTIVITY
Canine

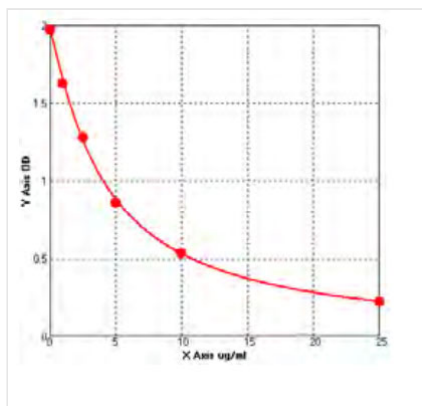
PRODUCT SYNONYMS

Oxidized Glutathione; Canine Oxidized Glutathione ELISA Kit; GSSG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of OXGLU. No significant cross-reactivity or interference between OXGLU and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between OXGLU 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 ug/mL
Intended Uses	This GSSG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GSSG. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSSG elisa kit	Principle of the Assay: OXGLU ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-OXGLU antibody and an OXGLU-HRP conjugate. The assay sample and buffer are incubated together with OXGLU-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 OXGLU concentration since OXGLU from samples and OXGLU-HRP conjugate compete for the anti-OXGLU antibody binding site. Since the number of sites is limited, as more sites are occupied by OXGLU from the sample, fewer sites are left to bind OXGLU-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OXGLU concentration in each sample is interpolated from this standard curve. Intended Uses: This OXGLU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine OXGLU. This ELISA kit for research use only, not for therapeutic or diagnostic 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gssg-canine-elisa-kits/oxidized-glutathione/17122>