

Sheep Reduced glutathione ELISA Kit | GSH elisa kit

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CATALOG #
AAA89058

REACTIVITY
Sheep

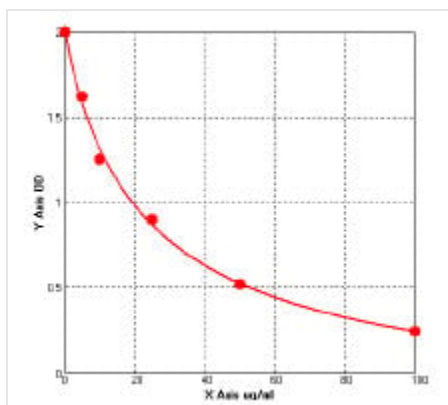
PRODUCT SYNONYMS

Reduced glutathione; Sheep Reduced glutathione ELISA Kit; GSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSH elisa kit

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

Principle of the Assay: GSH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GSH antibody and an GSH-HRP conjugate. The assay sample and buffer are incubated together with GSH-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 GSH concentration since GSH from samples and GSH-HRP conjugate compete for the anti-GSH antibody binding site. Since the number of sites is limited, as more sites are occupied by GSH from the sample, fewer sites are left to bind GSH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GSH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	143347058
Molecular Weight	24,129 Da
NCBI Official Full Name	Gsh, partial
UniProt Protein Name	Gsh
UniProt Entry Name	A6YB91_PLADU

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/gsh-sheep-elisa-kits/reduced-glutathione/89058>