

Bovine Reduced glutathione ELISA Kit | GSH elisa kit

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CATALOG #
AAA90241

REACTIVITY
Bovine

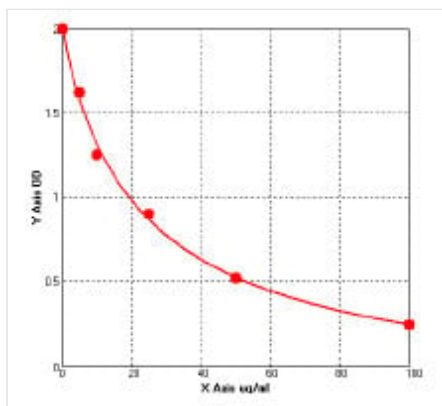
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
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 GSDMD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine GSDMD. This ELISA kit for research use only! Principle of the Assay: GSDMD ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GSDMD antibody and an GSDMD-HRP conjugate. The assay sample and buffer are incubated together with GSDMD-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 GSDMD concentration since GSDMD from samples and GSDMD-HRP conjugate compete for the anti-GSDMD antibody binding site. Since the number of sites is limited, as more sites are occupied by GSDMD from the sample, fewer sites are left to bind GSDMD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GSDMD concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GSH elisa kit	Signal Transduction

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-bovine-ovine-elisa-kits/reduced-glutathione/90241>