

Rat GSTA1 (Glutathione S Transferase Alpha 1) CLIA Kit | GSTA1 clia kit

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CATALOG #
AAA170893

REACTIVITY
Rat

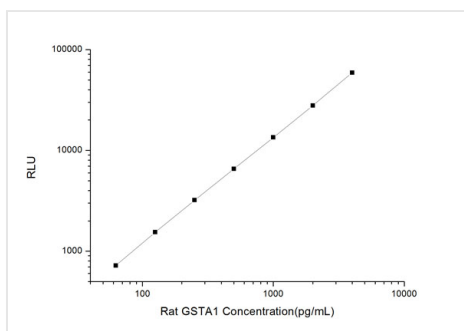
PRODUCT SYNONYMS

GSTA1 (Glutathione S Transferase Alpha 1); Rat GSTA1 (Glutathione S Transferase Alpha 1) CLIA Kit; GSTA1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant GSTA1. No significant cross-reactivity or interference between GSTA1 and analogues was observed.
Sequence Length	222
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSTA1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of GSTA1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to GSTA1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GSTA1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain GSTA1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of GSTA1. You can calculate the concentration of GSTA1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31657185
NCBI GeneID	2938
Molecular Weight	25,631 Da
NCBI Official Full Name	Glutathione S-transferase alpha 1
NCBI Official Synonym Full Names	glutathione S-transferase alpha 1
NCBI Official Symbol	GSTA1
NCBI Official Synonym Symbols	GST2; GTH1; GSTA1-1
NCBI Protein Information	glutathione S-transferase A1
UniProt Protein Name	Glutathione S-transferase A1
UniProt Gene Name	GSTA1
UniProt Entry Name	GSTA1_HUMAN

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/rat-clia-kits/gsta1-glutathione-s-transferase-alpha-1/170893>