

Human GSTa1 (Glutathione S Transferase Alpha 1) ELISA Kit | GSTa1 elisa kit

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CATALOG #
AAA270331

REACTIVITY
Human

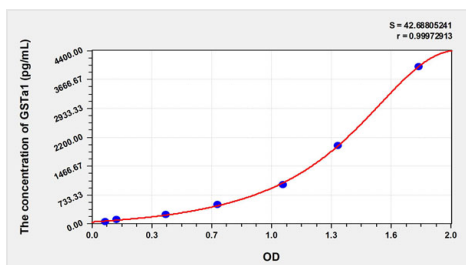
PRODUCT SYNONYMS

GSTa1 (Glutathione S Transferase Alpha 1); Human GSTa1 (Glutathione S Transferase Alpha 1) ELISA Kit; GSTA1; GST2; GSTA1-1; GTH1; GST class-alpha member 1; GST HA subunit 1; GST-epsilon; Glutathione S-transferase A1; N-terminally processed; GSTa1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Sandwich
Detection Range	62.5-4000 pg/mL
Sensitivity	27.4 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSTa1 elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glutathione S Transferase Alpha 1(GSTa1). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Glutathione S Transferase Alpha 1(GSTa1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Glutathione S Transferase Alpha 1(GSTa1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Glutathione S Transferase Alpha 1(GSTa1) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for GSTa1 elisa kit

Enzyme & Kinase; Tumor immunity; Hepatology

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/human-elisa-kits/gsta1-glutathione-s-transferase-alpha-1/270331>