

Product Datasheet

Chicken Glutathione S Transferases (GSTs) ELISA Kit (orb1736614)

Catalog Number	orb1736614
Category	Assays and Kits
Description	<p>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 Chicken GSTs. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken GSTs. 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 Chicken GSTs, 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 Chicken GSTs in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Gallus
Concentration	100 ng/mL
UniProt ID	O73888

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Application notes

standard: 100 ng/mL. Test principle: 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 Chicken GSTs. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken GSTs. 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 Chicken GSTs, 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 Chicken GSTs in the samples is then determined by comparing the OD of the samples to the standard curve

Assay Type

Sandwich

Assay Time

3.5h

Range

1.57-100 ng/mL

Sensitivity

0.63 ng/mL

Sample Types

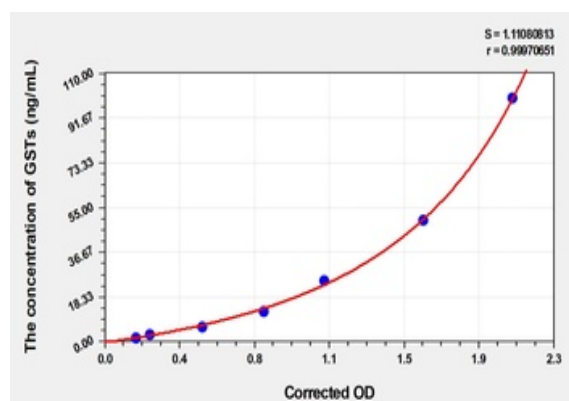
serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Note

For research use only

Expiration Date

6 months from date of receipt.



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