

Sheep Trypanothione reductase (TPR) ELISA Kit | TPR elisa kit

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CATALOG #
AAA122082

REACTIVITY
Sheep

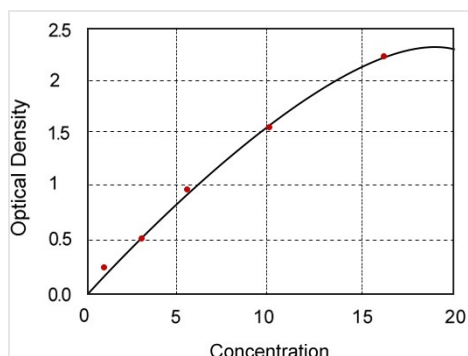
PRODUCT SYNONYMS

Trypanothione reductase (TPR); Sheep Trypanothione reductase (TPR) ELISA Kit; TPR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	2349
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.22ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Sheep Trypanothione Reductase (also known as TPR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Sheep TPR antibody. TPR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep TPR Antibody is added and binds to TPR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TPR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Sheep TPR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	633226
NCBI GeneID	7175
UniProt Accession #	P12270; Q15624; Q15655; Q5SWY0; Q99968
Molecular Weight	83,979 Da
NCBI Official Full Name	Tpr
NCBI Official Synonym Full Names	translocated promoter region, nuclear basket protein
NCBI Official Symbol	TPR
NCBI Protein Information	nucleoprotein TPR
UniProt Protein Name	Nucleoprotein TPR
UniProt Gene Name	TPR

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/sheep-elisa-kits/trypanothione-reductase-tpr/122082>