

Monkey Translocator protein ELISA Kit | TSPO elisa kit

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CATALOG #
AAA93890

REACTIVITY
Monkey

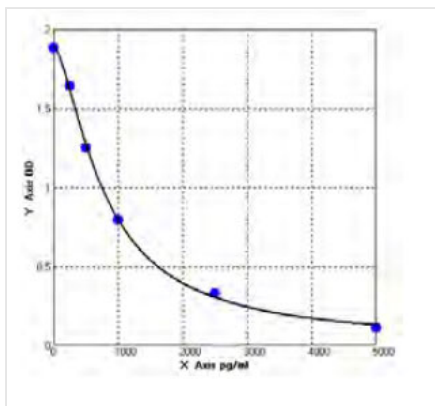
PRODUCT SYNONYMS

Translocator protein; Monkey Translocator protein ELISA Kit; TSPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of TSPO. No significant cross-reactivity or interference between TSPO and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TSPO and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSPO elisa kit	Intended Uses: This TSPO ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TSPO. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TSPO ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TSPO antibody and an TSPO-HRP conjugate. The assay sample and buffer are incubated together with TSPO-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 TSPO concentration since TSPO from samples and TSPO-HRP conjugate compete for the anti-TSPO antibody binding site. Since the number of sites is limited, as more sites are occupied by TSPO from the sample, fewer sites are left to bind TSPO-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TSPO concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TSPO elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	375065827
NCBI GeneID	706
NCBI Accession #	NP_001243460.1
NCBI GenBank Nucleotide #	NM_001256531.1
Molecular Weight	10,537 Da
NCBI Official Full Name	translocator protein
NCBI Official Synonym Full Names	translocator protein (18kDa)
NCBI Official Symbol	TSPO
NCBI Official Synonym Symbols	DBI; IBP; MBR; PBR; PBS; BPBS; BZRP; PKBS; PTBR; mDRC; pk18
NCBI Protein Information	translocator protein; mitochondrial benzodiazepine receptor; benzodiazepine peripheral binding site; peripheral-type benzodiazepine receptor
UniProt Protein Name	Translocator protein
UniProt Gene Name	TSPO
UniProt Synonym Gene Names	BZRP; MBR; PBR
UniProt Entry Name	TSPOA_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.