

Rat Small heterodimer partner ELISA Kit | SHP elisa kit

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CATALOG #
AAA82298

REACTIVITY
Rat

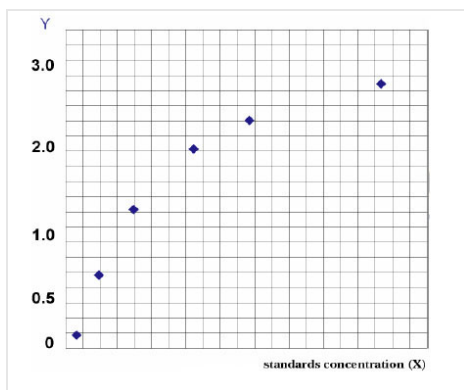
PRODUCT SYNONYMS

Small heterodimer partner; Rat Small heterodimer partner ELISA Kit; SHP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHP elisa kit

Intended Uses: This SCCAg2 ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of SCCAg2 in the sample, this SCCAg2 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus SCCAg2 concentration. The concentration of SCCAg2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This SCCAg2 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for SCCAg2. Standards or samples are then added to the microtiter plate wells and SCCAg2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SCCAg2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for SCCAg2 are added to each well to "sandwich" the SCCAg2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain SCCAg2 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15787843
NCBI GeneID	8431
Molecular Weight	28,058 Da
NCBI Official Full Name	small heterodimer partner
NCBI Official Synonym Full Names	nuclear receptor subfamily 0, group B, member 2
NCBI Official Symbol	NR0B2
NCBI Official Synonym Symbols	SHP; SHP1
NCBI Protein Information	nuclear receptor subfamily 0 group B member 2; nuclear receptor SHP; small heterodimer partner; orphan nuclear receptor SHP
UniProt Protein Name	Nuclear receptor subfamily 0 group B member 2
UniProt Gene Name	NR0B2
UniProt Synonym Gene Names	SHP
UniProt Entry Name	NR0B2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/shp-rat-elisa-kits/small-heterodimer-partner/82298>