

Rat Cytochrome P450scc side chain cleavage Enzyme ELISA Kit | P450scc elisa kit

Rat Cytochrome P450scc side chain cleavage Enzyme ELISA Kit

CATALOG #
AAA87944

REACTIVITY
Rat

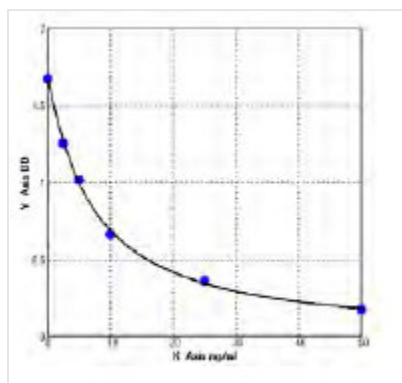
PRODUCT SYNONYMS

Cytochrome P450scc side chain cleavage Enzyme; Rat Cytochrome P450scc side chain cleavage Enzyme ELISA Kit; P450scc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of P450scc. No significant cross-reactivity or interference between P450scc and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between P450scc 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P450scc elisa kit	Intended Uses: This P450scc ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat P450scc. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: P450scc ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-P450scc antibody and an P450scc-HRP conjugate. The assay sample and buffer are incubated together with P450scc-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 P450scc concentration since P450scc from samples and P450scc-HRP conjugate compete for the anti-P450scc antibody binding site. Since the number of sites is limited, as more sites are occupied by P450scc from the sample, fewer sites are left to bind P450scc-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P450scc concentration in each sample is interpolated from this standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	29502209
NCBI Official Full Name	cytochrome P-450-scc, partial

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://www.aaabiotech.com/rat-elisa-kits/cytochrome-p450scc-side-chain-cleavage-enzyme/87944>