

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

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CATALOG #
AAA89714

REACTIVITY
Monkey

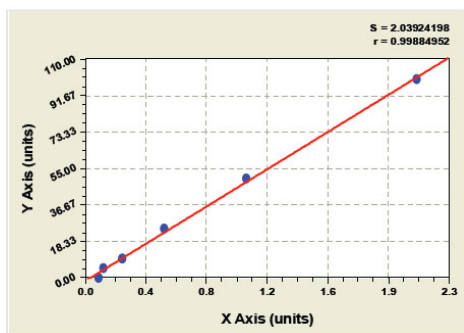
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100IU/mL
Sensitivity	1.0IU/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 Monkey P450scc. This ELISA kit for research use only!

Principle of the Assay: P450scc ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for P450scc. Standards or samples are then added to the microtiter plate wells and P450scc if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of P450scc present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for P450scc are added to each well to "sandwich" the P450scc immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain P450scc and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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Online datasheet: <https://www.aaabiotech.com/monkey-elisa-kits/cytochrome-p450scc-side-chain-cleavage-enzyme/89714>