

Mouse Cytochrome P450 ELISA Kit | CYP21A elisa kit

Mouse Cytochrome P450 ELISA Kit

CATALOG #
AAA82778

REACTIVITY
Mouse

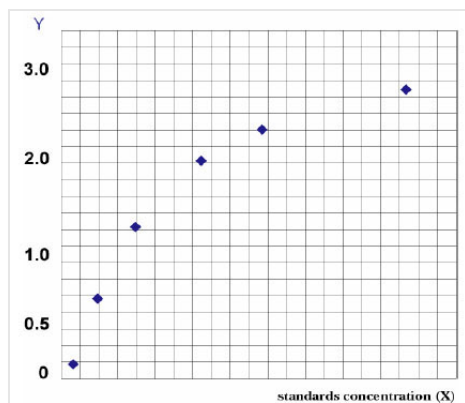
PRODUCT SYNONYMS

Cytochrome P450; Mouse Cytochrome P450 ELISA Kit; CYP21A elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYP21A elisa kit

Intended Uses: This CYP21A 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 CYP21A in the sample, this CYP21A 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 CYP21A concentration. The concentration of CYP21A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This CYP21A 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 CYP21A. Standards or samples are then added to the microtiter plate wells and CYP21A if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CYP21A present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CYP21A are added to each well to "sandwich" the CYP21A 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 CYP21A 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 #	308190446
Molecular Weight	7,572 Da
NCBI Official Full Name	cytochrome P450 mono-oxygenase, partial
UniProt Protein Name	Cytochrome P450 mono-oxygenase
UniProt Gene Name	cyp21a
UniProt Entry Name	K7N8J5_ARTAN

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/cyp21a-mouse-elisa-kits/cytochrome-p450/82778>