

## Monkey Cytochrome P450 3A4 (CYP3A4) ELISA Kit | CYP3A4 elisa kit

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CATALOG #  
**AAA121931**

REACTIVITY  
**Monkey**

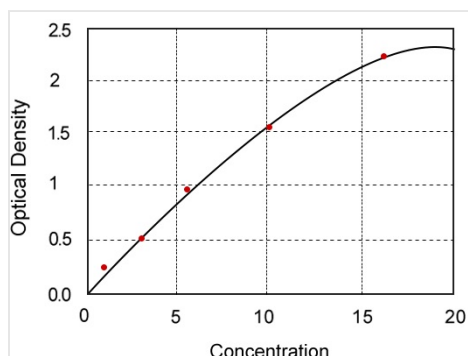
### PRODUCT SYNONYMS

Cytochrome P450 3A4 (CYP3A4); Monkey Cytochrome P450 3A4 (CYP3A4) ELISA Kit; CYP3A4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                   |
| Sequence Length         | 502                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 70ng/ml                                                       |
| Sensitivity             | 0.093ng/ml                                                               |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CYP3A4 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Monkey Lactamase Beta (also known as CYP3A4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Monkey CYP3A4 antibody. CYP3A4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Monkey CYP3A4 Antibody is added and binds to CYP3A4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYP3A4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Monkey CYP3A4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GI #                        | 322302351                                                                 |
| NCBI GeneID                      | 1576                                                                      |
| NCBI Accession #                 | NP_001189784.1                                                            |
| NCBI GenBank Nucleotide #        | NM_001202855.2                                                            |
| UniProt Accession #              | P08684; P05184; Q16757; Q9UK50                                            |
| Molecular Weight                 | 57,343 Da                                                                 |
| NCBI Official Full Name          | cytochrome P450 3A4 isoform 2                                             |
| NCBI Official Synonym Full Names | cytochrome P450 family 3 subfamily A member 4                             |
| NCBI Official Symbol             | CYP3A4                                                                    |
| NCBI Official Synonym Symbols    | HLP; CP33; CP34; CYP3A; NF-25; CYP3A3; P450C3; CYP11A3; CYP11A4; P450PCN1 |
| NCBI Protein Information         | cytochrome P450 3A4                                                       |
| UniProt Protein Name             | Cytochrome P450 3A4                                                       |
| UniProt Gene Name                | CYP3A4                                                                    |
| UniProt Synonym Gene Names       | CYP3A3                                                                    |

**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://stage.aaabiotech.com/monkey-elisa-kits/cytochrome-p450-3a4-cyp3a4/121931>