

## Mouse Cytochrome P450 27B1 (CYP27B1) ELISA Kit | CYP27B1 elisa kit

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CATALOG #  
**AAA64281**

REACTIVITY  
**Mouse**

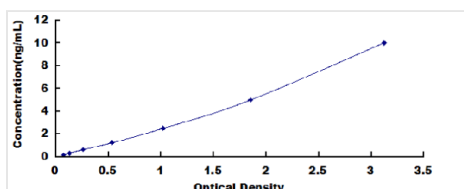
### PRODUCT SYNONYMS

Cytochrome P450 27B1 (CYP27B1); Mouse Cytochrome P450 27B1 (CYP27B1) ELISA Kit; VDD1; PDDR; CYP1; P450c1; 25-Hydroxyvitamin D3 1-Alpha-Hydroxylase; Cytochrome P450 Family 27 Subfamily B Polypeptide 1; Calcidiol 1-monooxygenase; VD3 1A hydroxylase; CYP27B1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                      |
| Sequence Length         | 507                                                                                                                                                                                                        |
| Samples                 | Tissue homogenates, cell lysates and other biological fluids.                                                                                                                                              |
| Assay Type              | Sandwich                                                                                                                                                                                                   |
| Detection Range         | 0.625-40ng/mL                                                                                                                                                                                              |
| Sensitivity             | 0.214ng/mL                                                                                                                                                                                                 |
| Intra Assay             | CV<10%                                                                                                                                                                                                     |
| Inter Assay             | CV<12%                                                                                                                                                                                                     |
| Preparation and Storage | For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C. |

### IMAGES



Standard Curve (Sample)

### NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 227497562                                              |
| NCBI GeneID                      | 13115                                                  |
| NCBI Accession #                 | NP_034139.2                                            |
| NCBI GenBank Nucleotide #        | NM_010009.2                                            |
| UniProt Accession #              | O35084                                                 |
| Molecular Weight                 | 56,225 Da                                              |
| NCBI Official Full Name          | 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial |
| NCBI Official Synonym Full Names | cytochrome P450, family 27, subfamily b, polypeptide 1 |

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| NCBI Official Symbol          | Cyp27b1                                                         |
| NCBI Official Synonym Symbols | Vdr; Cp2b; Cyp1; Pddr; Vdd1; Vddr; Cyp40; Vddrl; Cyp27b; P450c1 |
| NCBI Protein Information      | 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial          |
| UniProt Protein Name          | 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial          |
| UniProt Gene Name             | <b>Cyp27b1</b>                                                  |
| UniProt Synonym Gene Names    | Cyp27b; Cyp40; VD3 1A hydroxylase                               |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cytochrome-p450-27b1-cyp27b1/64281>