

## Rat Pyruvate Dehydrogenase Complex ELISA Kit | PDHX elisa kit

Rat Pyruvate Dehydrogenase Complex ELISA Kit

CATALOG #  
**AAA210514**

REACTIVITY  
**Rat**

### PRODUCT SYNONYMS

Pyruvate Dehydrogenase Complex; Rat Pyruvate Dehydrogenase Complex ELISA Kit; PDHX elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Reactivity      | Rat                                                               |
| Sequence Length | 486                                                               |
| Samples         | Serum, plasma, cell culture supernate and other biological fluids |
| Assay Type      | Sandwich                                                          |
| Detection Range | 12.5 U/L-200 U/L                                                  |
| Sensitivity     | 1 U/L                                                             |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PDHX elisa kit

Intended Use: 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 PYRUVATE DEHYDROGENASE COMPLEX in the sample, This PYRUVATE DEHYDROGENASE COMPLEX 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 PYRUVATE DEHYDROGENASE COMPLEX concentration. The concentration of PYRUVATE DEHYDROGENASE COMPLEX in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 203098816 |
| NCBI GeneID | 8050      |

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI Accession #                 | NP_001128496.1                                                      |
| NCBI GenBank Nucleotide #        | NP_001128496.1                                                      |
| UniProt Accession #              | O00330                                                              |
| NCBI Official Full Name          | pyruvate dehydrogenase protein X component, mitochondrial isoform 2 |
| NCBI Official Synonym Full Names | pyruvate dehydrogenase complex component X                          |
| NCBI Official Symbol             | PDHX                                                                |
| NCBI Official Synonym Symbols    | E3BP; OPDX; PDX1; proX; DLDBP; PDHxD                                |
| NCBI Protein Information         | pyruvate dehydrogenase protein X component, mitochondrial           |
| UniProt Protein Name             | Pyruvate dehydrogenase protein X component, mitochondrial           |
| UniProt Gene Name                | <b>PDHX</b>                                                         |
| UniProt Synonym Gene Names       | PDX1; E3BP                                                          |
| UniProt Entry Name               | ODPX_HUMAN                                                          |

**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/rat-elisa-kits/pyruvate-dehydrogenase-complex/210514>