

## Human DDC (Dopa Decarboxylase) ELISA Kit | DDC elisa kit

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CATALOG #  
**AAA278400**

REACTIVITY  
**Human**

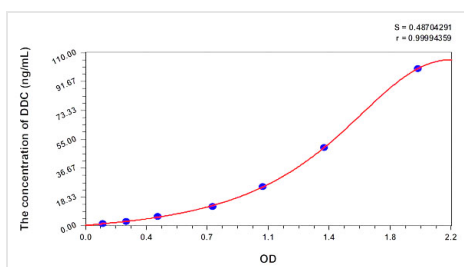
### PRODUCT SYNONYMS

DDC (Dopa Decarboxylase); Human DDC (Dopa Decarboxylase) ELISA Kit; AADC; Aromatic L-Amino Acid Decarboxylase; DOPA decarboxylase; DDC elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                              |
|-----------------|--------------------------------------------------------------|
| Reactivity      | Human                                                        |
| Assay Type      | Sandwich                                                     |
| Samples         | tissue homogenates, cell lysates and other biological fluids |
| Detection Range | 0.16-10ng/mL                                                 |
| Sensitivity     | 0.061ng/mL                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for DDC elisa kit

**Test Principle:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human DDC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DDC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human DDC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human DDC in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for DDC elisa kit

[Enzyme & Kinase](#)

### NCBI AND UNIPROT INFORMATION

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| NCBI GI #           | 311033369                                              |
| NCBI GeneID         | 1644                                                   |
| UniProt Accession # | P20711; Q16723; Q5W5T9; Q75MJ6; C9IYA0; E7ER62; E7EU95 |

|                                         |                                                          |
|-----------------------------------------|----------------------------------------------------------|
| <b>Molecular Weight</b>                 | 480                                                      |
| <b>NCBI Official Full Name</b>          | Aromatic-L-amino-acid decarboxylase                      |
| <b>NCBI Official Synonym Full Names</b> | dopa decarboxylase (aromatic L-amino acid decarboxylase) |
| <b>NCBI Official Symbol</b>             | DDC                                                      |
| <b>NCBI Official Synonym Symbols</b>    | AADC                                                     |
| <b>NCBI Protein Information</b>         | aromatic-L-amino-acid decarboxylase                      |
| <b>UniProt Protein Name</b>             | Aromatic-L-amino-acid decarboxylase                      |
| <b>UniProt Gene Name</b>                | <b>DDC</b>                                               |
| <b>UniProt Synonym Gene Names</b>       | AADC; AADC; DDC                                          |
| <b>UniProt Entry Name</b>               | DDC_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/human-elisa-kits/ddc-dopa-decarboxylase/278400>