

## Human D3R/DRD3 ELISA Kit | D3R/DRD3 elisa kit

Human D3R/DRD3 (Dopamine Receptor D3) ELISA Kit

CATALOG #  
**AAA163469**

REACTIVITY  
**Human**

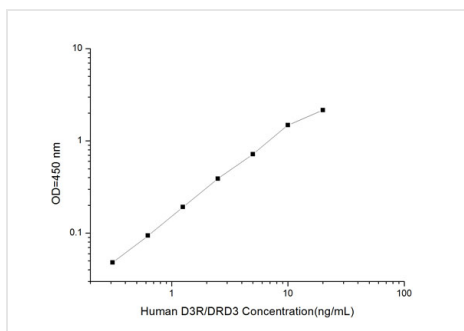
### PRODUCT SYNONYMS

D3R/DRD3; Human D3R/DRD3 (Dopamine Receptor D3) ELISA Kit; D3R/DRD3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                          |
| Specificity             | This kit recognizes natural and recombinant Human D3R/DRD3. No significant cross-reactivity or interference between Human D3R/DRD3 and analogues was observed. |
| Sequence Length         | 446                                                                                                                                                            |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                               |
| Assay Type              | Sandwich                                                                                                                                                       |
| Detection Range         | 0.313-20ng/mL                                                                                                                                                  |
| Sensitivity             | Min: 0.188ng/mL; Max: 20ng/mL                                                                                                                                  |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for D3R/DRD3 elisa kit | <p>Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human D3R/DRD3 concentrations in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to D3R/DRD3. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for D3R/DRD3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain D3R/DRD3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of D3R/DRD3. You can calculate the concentration of D3R/DRD3 in the samples by comparing the OD of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6681221                                                                                                |
| NCBI GeneID                      | 13490                                                                                                  |
| NCBI Accession #                 | NP_031903.1                                                                                            |
| NCBI GenBank Nucleotide #        | NM_007877.1                                                                                            |
| UniProt Accession #              | P30728                                                                                                 |
| Molecular Weight                 | 47,168 Da                                                                                              |
| NCBI Official Full Name          | D(3) dopamine receptor                                                                                 |
| NCBI Official Synonym Full Names | dopamine receptor D3                                                                                   |
| NCBI Official Symbol             | Drd3                                                                                                   |
| NCBI Official Synonym Symbols    | D3R                                                                                                    |
| NCBI Protein Information         | D(3) dopamine receptor; D(3) dopamine receptor; D3 receptor; dopamine D3 receptor; dopamine receptor 3 |
| UniProt Protein Name             | D(3) dopamine receptor                                                                                 |
| UniProt Gene Name                | Drd3                                                                                                   |
| UniProt Entry Name               | DRD3_MOUSE                                                                                             |

**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.