

## Monkey EPO ELISA Kit | EPO elisa kit

Monkey EPO (Erythropoietin) ELISA Kit

CATALOG #  
**AAA164852**

REACTIVITY  
**Monkey**

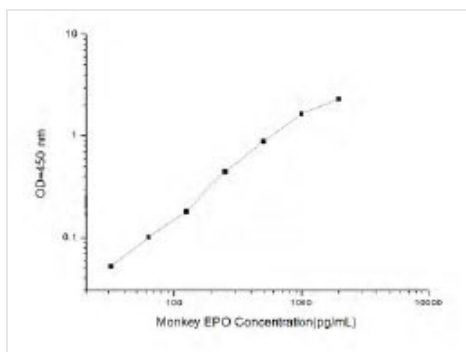
### PRODUCT SYNONYMS

EPO; Monkey EPO (Erythropoietin) ELISA Kit; EPO elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                     |
| Specificity             | This kit recognizes natural and some recombinant Monkey EPO. No significant crossreactivity or interference between Monkey EPO and analogues was observed. |
| Sequence Length         | 193                                                                                                                                                        |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                           |
| Assay Type              | Sandwich                                                                                                                                                   |
| Detection Range         | 31.25-2000pg/mL                                                                                                                                            |
| Sensitivity             | Min: 18.75pg/mL; Max: 2000pg/mL                                                                                                                            |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                       |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for EPO elisa kit | <p>Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Monkey EPO 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 precoated with an antibody specific to Monkey EPO. Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Monkey EPO and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Monkey EPO, biotinylated detection antibody and Avidin- HRP conjugate will appear blue in color. The enzyme-substrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Monkey EPO. The concentration of Monkey EPO in samples can be calculated by comparing the OD of the samples with the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 62240997                                       |
| NCBI GeneID                      | 2056                                           |
| NCBI Accession #                 | NP_000790.2                                    |
| NCBI GenBank Nucleotide #        | NM_000799.2                                    |
| UniProt Accession #              | P01588; Q2M2L6; Q549U2; Q9UDZ0; Q9UEZ5; Q9UHA0 |
| Molecular Weight                 | 21,307 Da                                      |
| NCBI Official Full Name          | erythropoietin                                 |
| NCBI Official Synonym Full Names | erythropoietin                                 |
| NCBI Official Symbol             | EPO                                            |
| NCBI Official Synonym Symbols    | EP; MVCD2                                      |
| NCBI Protein Information         | erythropoietin; epoetin                        |
| UniProt Protein Name             | Erythropoietin                                 |
| UniProt Gene Name                | EPO                                            |
| UniProt Entry Name               | EPO_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.