

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human IL1a(Interleukin 1 Alpha) ELISA Kit EBT-ELK2273

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Article Name               | Human IL1a(Interleukin 1 Alpha) ELISA Kit                                                            |
| Biozol Catalog Number      | EBT-ELK2273                                                                                          |
| Supplier Catalog Number    | ELK2273                                                                                              |
| Alternative Catalog Number | EBT-ELK2273-96,EBT-ELK2273-48,EBT-ELK2273-96X5                                                       |
| Manufacturer               | ELK Biotechnology                                                                                    |
| Category                   | Kits/Assays                                                                                          |
| Species Reactivity         | Human                                                                                                |
| Concentration              | 500 pg/mL                                                                                            |
| Range                      | 7.82-500 pg/mL                                                                                       |
| Sensitivity                | 2.6 pg/mL                                                                                            |
| UniProt                    | <a href="#">P01583</a>                                                                               |
| Samples                    | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes | <p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine,Apoptosis,. 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 IL1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IL1a. 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 IL1a, 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 IL1a in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|