

## Human IL-1alpha (Interleukin 1 Alpha) CLIA Kit | IL-1a clia kit

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CATALOG #  
**AAA171014**

REACTIVITY  
**Human**

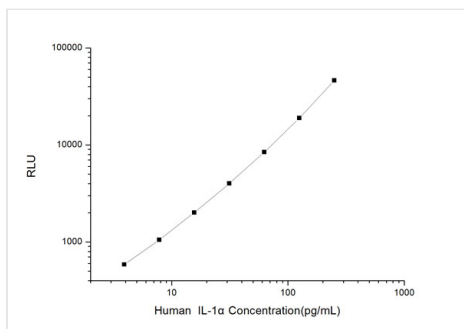
### PRODUCT SYNONYMS

IL-1alpha (Interleukin 1 Alpha); Human IL-1alpha (Interleukin 1 Alpha) CLIA Kit; IL1A; IL1-A; IL1; IL1F1; Preinterleukin 1 Alpha; Hematopoietin-1; Pro-Interleukin-1-Alpha; Human IL-1a (Interleukin 1 Alpha) CLIA Kit; Human IL-1a; IL-1a clia kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity      | Human                                                                                                                                                |
| Specificity     | This kit recognizes natural and recombinant IL-1alpha. No significant cross-reactivity or interference between IL-1alpha and analogues was observed. |
| Sequence Length | 268                                                                                                                                                  |
| Assay Type      | Sandwich                                                                                                                                             |
| Detection Range | 3.906-250pg/mL                                                                                                                                       |
| Sensitivity     | Min: 2.344pg/mL; Max: 250pg/mL                                                                                                                       |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IL-1a clia kit

**Intended Uses:** This CLIA kit applies to the in vitro quantitative determination of IL-1alpha concentrations in serum, plasma and other biological fluids.

**Principle of the Assay:** This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to IL-1alpha. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for IL-1alpha 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 IL-1alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of IL-1alpha. You can calculate the concentration of IL-1alpha in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                               |                      |
|-------------------------------|----------------------|
| NCBI GI #                     | 595763446            |
| NCBI GeneID                   | 102413678            |
| NCBI Accession #              | NP_001277833.1       |
| NCBI GenBank Nucleotide #     | NM_001290904.1       |
| NCBI Official Full Name       | interleukin 1, alpha |
| NCBI Official Symbol          | IL1A                 |
| NCBI Official Synonym Symbols | IL-1a                |
| NCBI Protein Information      | interleukin 1, alpha |

**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/il-1a-human-clia-kits/il-1alpha-interleukin-1-alpha/171014>