

## Human ADH1 (Alcohol Dehydrogenase 1) CLIA Kit | ADH1 clia kit

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CATALOG #  
**AAA171368**

REACTIVITY  
**Human**

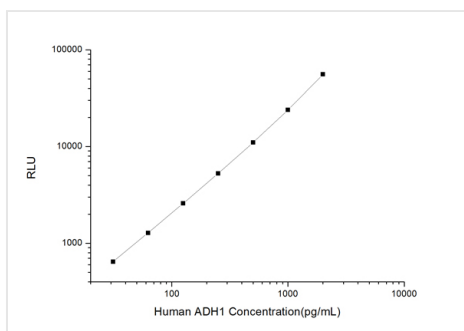
### PRODUCT SYNONYMS

ADH1 (Alcohol Dehydrogenase 1); Human ADH1 (Alcohol Dehydrogenase 1) CLIA Kit; ADH1A; Alcohol dehydrogenase 1A (class I); alpha polypeptide; ADH1 clia kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity      | Human                                                                                                                                      |
| Specificity     | This kit recognizes natural and recombinant ADH1. No significant cross-reactivity or interference between ADH1 and analogues was observed. |
| Sequence Length | 379                                                                                                                                        |
| Assay Type      | Sandwich                                                                                                                                   |
| Detection Range | 31.25-2000pg/mL                                                                                                                            |
| Sensitivity     | Min: 18.75pg/mL; Max: 2000pg/mL                                                                                                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ADH1 clia kit

**Intended Uses:** This CLIA kit applies to the in vitro quantitative determination of ADH1 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 ADH1. 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 ADH1 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 ADH1, 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 ADH1. You can calculate the concentration of ADH1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                               |                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                     | 15223838                                                                                                                                   |
| NCBI GeneID                   | 844047                                                                                                                                     |
| NCBI Accession #              | NP_177837.1                                                                                                                                |
| NCBI GenBank Nucleotide #     | NM_106362.2                                                                                                                                |
| Molecular Weight              | 41,178 Da                                                                                                                                  |
| NCBI Official Full Name       | alcohol dehydrogenase 1                                                                                                                    |
| NCBI Official Symbol          | ADH1                                                                                                                                       |
| NCBI Official Synonym Symbols | ADH; ADH1; ALCOHOL DEHYDROGENASE; alcohol dehydrogenase 1; ARABIDOPSIS THALIANA ALCOHOL DEHYDROGENASE; ATADH; ATADH1; F22K20.19; F22K20_19 |
| NCBI Protein Information      | alcohol dehydrogenase 1                                                                                                                    |
| UniProt Protein Name          | Alcohol dehydrogenase class-P                                                                                                              |
| UniProt Gene Name             | ADH1                                                                                                                                       |
| UniProt Synonym Gene Names    | ADH                                                                                                                                        |
| UniProt Entry Name            | ADH1_ARATH                                                                                                                                 |

**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-clia-kits/adh1-alcohol-dehydrogenase-1/171368>