

## Human Anti Histone Antibody ELISA Kit | AHA elisa kit

Human Anti Histone Antibody ELISA Kit

CATALOG #  
**AAA83682**

REACTIVITY  
**Human**

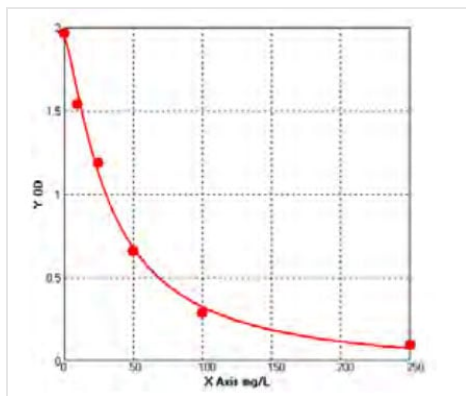
### PRODUCT SYNONYMS

Anti Histone Antibody; Human Anti Histone Antibody ELISA Kit; AHA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of AHA. No significant cross-reactivity or interference between AHA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AHA and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Sensitivity             | 1.0 mg/L                                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for AHA elisa kit | <p>Principle of the Assay: AHA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-AHA antibody and an AHA-HRP conjugate. The assay sample and buffer are incubated together with AHA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AHA concentration since AHA from samples and AHA-HRP conjugate compete for the anti-AHA antibody binding site. Since the number of sites is limited, as more sites are occupied by AHA from the sample, fewer sites are left to bind AHA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AHA concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This AHA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AHA. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
| Product Categories/Family for AHA elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 3649600                      |
| NCBI GeneID                      | 3015                         |
| Molecular Weight                 | 13,553 Da                    |
| NCBI Official Full Name          | histone                      |
| NCBI Official Synonym Full Names | H2A histone family, member Z |
| NCBI Official Symbol             | H2AFZ                        |
| NCBI Official Synonym Symbols    | H2AZ; H2A.z; H2A/z; H2A.Z-1  |
| NCBI Protein Information         | histone H2A.Z; H2AZ histone  |
| UniProt Protein Name             | Histone H2A.Z                |
| UniProt Gene Name                | H2AFZ                        |
| UniProt Synonym Gene Names       | H2AZ; H2A/z                  |
| UniProt Entry Name               | H2AZ_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.

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Online datasheet: <https://stage.aaabiotech.com/aha-human-elisa-kits/anti-histone-antibody/83682>