

## Human Sperm-associated antigen 9 (SPAG9) ELISA Kit | SPAG9 elisa kit

Human Sperm-associated antigen 9 (SPAG9) ELISA Kit

CATALOG #  
**AAA43568**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

Sperm-associated antigen 9 (SPAG9); Human Sperm-associated antigen 9 (SPAG9) ELISA Kit; SPAG9 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 1321                                                                     |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 2ng/ml - 60ng/ml                                                         |
| Sensitivity             | 1.05ng/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for SPAG9 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Sperm-associated Antigen 9 (also known as SPAG9) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SPAG9 antibody. SPAG9 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SPAG9 Antibody is added and binds to SPAG9 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SPAG9 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human SPAG9. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 158253415                                                                                      |
| NCBI GeneID                      | 9043                                                                                           |
| UniProt Accession #              | O60271; O60905; Q3KQU8; Q3MKM7; Q86WC7; Q86WC8; Q8IZX7; Q96II0; Q9H811; A6H8U5; A8MSX0; B4DHH2 |
| Molecular Weight                 | 145,135 Da                                                                                     |
| NCBI Official Full Name          | SPAG9 protein                                                                                  |
| NCBI Official Synonym Full Names | sperm associated antigen 9                                                                     |
| NCBI Official Symbol             | SPAG9                                                                                          |
| NCBI Official Synonym Symbols    | JLP; CT89; HLC4; HLC6; JIP4; PHET; PIG6; HLC-6; JIP-4                                          |
| NCBI Protein Information         | C-Jun-amino-terminal kinase-interacting protein 4                                              |
| UniProt Protein Name             | C-Jun-amino-terminal kinase-interacting protein 4                                              |
| UniProt Gene Name                | <b>SPAG9</b>                                                                                   |
| UniProt Synonym Gene Names       | HSS; KIAA0516; MAPK8IP4; SYD1; JIP-4; JNK-interacting protein 4; CT89; HLC-6; JLP; PHET        |

**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-elisa-kits/sperm-associated-antigen-9-spag9/43568>