

## Human Cytosolic Phospholipase A2 (cPLA2) ELISA Kit | cPLA2 elisa kit

Human Cytosolic Phospholipase A2 (cPLA2) ELISA Kit

CATALOG #  
**AAA52924**

REACTIVITY  
**Human**

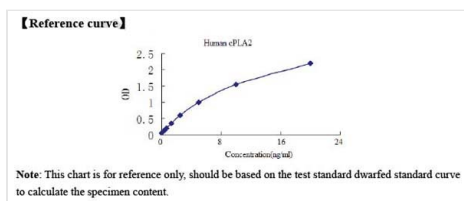
### PRODUCT SYNONYMS

Cytosolic Phospholipase A2 (cPLA2); Human Cytosolic Phospholipase A2 (cPLA2) ELISA Kit; cPLA2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                         |
| Sequence Length         | 749                                                                                                                                                                           |
| Samples                 | Other special sample please contact our technical support. The kit is for research use only. Please read the instructions carefully before using and check the kit components |
| Assay Type              | Sandwich                                                                                                                                                                      |
| Detection Range         | 200 ng/ml-0.312 ng/ml                                                                                                                                                         |
| Sensitivity             | 0.06 ng/ml.                                                                                                                                                                   |
| Intra-assay Precision   | <= 8%                                                                                                                                                                         |
| Inter-assay Precision   | <= 12%                                                                                                                                                                        |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for cPLA2 elisa kit

**Principle of the Assay:** This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human cPLA2 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 23943920 |
| NCBI GeneID | 5321     |

|                                  |                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | NP_077734.1                                                                                                                                                           |
| NCBI GenBank Nucleotide #        | NM_024420.2                                                                                                                                                           |
| Molecular Weight                 | 85,239 Da                                                                                                                                                             |
| NCBI Official Full Name          | cytosolic phospholipase A2                                                                                                                                            |
| NCBI Official Synonym Full Names | phospholipase A2, group IVA (cytosolic, calcium-dependent)                                                                                                            |
| NCBI Official Symbol             | PLA2G4A                                                                                                                                                               |
| NCBI Official Synonym Symbols    | PLA2G4; cPLA2-alpha                                                                                                                                                   |
| NCBI Protein Information         | cytosolic phospholipase A2; cPLA2; lysophospholipase; phospholipase A2 group IVA; phosphatidylcholine 2-acylhydrolase; calcium-dependent phospholipid-binding protein |
| UniProt Protein Name             | Cytosolic phospholipase A2                                                                                                                                            |
| UniProt Gene Name                | <b>PLA2G4A</b>                                                                                                                                                        |
| UniProt Synonym Gene Names       | CPLA2; PLA2G4; cPLA2                                                                                                                                                  |
| UniProt Entry Name               | PA24A_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/human-elisa-kits/cytosolic-phospholipase-a2-cpla2/52924>