

# SPARC (Human) ELISA Kit

Catalog # KA4259

Size 1 Kit

## Specification

|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | SPARC (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human SPARC. |
| <b>Suitable Sample</b>     | Cell culture supernates, Human milk and Serum                                                             |
| <b>Sample Volume</b>       | 100 $\mu$ L                                                                                               |
| <b>Label</b>               | HRP-conjugated                                                                                            |
| <b>Detection Method</b>    | Colorimetric                                                                                              |
| <b>Assay Type</b>          | Quantitative                                                                                              |
| <b>Calibration Range</b>   | 0.78 to 50 ng/mL                                                                                          |
| <b>Reactivity</b>          | Human                                                                                                     |
| <b>Regulation Status</b>   | For research use only (RUO)                                                                               |
| <b>Storage Instruction</b> | Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.                     |

## Applications

- Quantification

## Gene Info — SPARC

|                      |                      |
|----------------------|----------------------|
| <b>Entrez GeneID</b> | <a href="#">6678</a> |
| <b>Gene Name</b>     | SPARC                |
| <b>Gene Alias</b>    | ON                   |

|                           |                                                                                                                                                                                                                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Description</b>   | secreted protein, acidic, cysteine-rich (osteonectin)                                                                                                                                                                                                                                                |
| <b>Omim ID</b>            | <a href="#">182120</a>                                                                                                                                                                                                                                                                               |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                            |
| <b>Gene Summary</b>       | Secreted protein acidic and rich in cysteine/osteonectin/BM40, or SPARC, is a matrix-associated protein that elicits changes in cell shape, inhibits cell-cycle progression, and influences the synthesis of extracellular matrix (ECM) (Bradshaw et al., 2003 [PubMed 12721366]).[supplied by OMIM] |
| <b>Other Designations</b> | cysteine-rich protein osteonectin secreted protein, acidic, cysteine-rich                                                                                                                                                                                                                            |

## Disease

- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Gingival Overgrowth](#)
- [Liver Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)

- [Premature Birth](#)
- [Pulmonary Fibrosis](#)
- [Raynaud Disease](#)
- [Scleroderma](#)