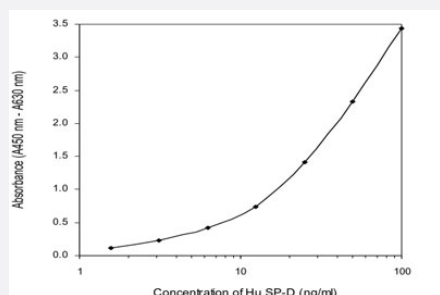


# SFTPD (Human) ELISA Kit

Catalog # KA1251      Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

|                            |                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | SFTPD (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human SFTPD in serum, plasma (-EDTA, -Heparin, -Citrate), amniotic fluid, bronchoalveolar lavage. |
| <b>Suitable Sample</b>     | Amniotic Fluid, Bronchoalveolar Lavage Fluid, Plasma (Citrate, EDTA, Heparin), Serum                                                                                                           |
| <b>Sample Volume</b>       | 10 $\mu$ L                                                                                                                                                                                     |
| <b>Label</b>               | HRP-conjugate                                                                                                                                                                                  |
| <b>Detection Method</b>    | Colorimetric                                                                                                                                                                                   |
| <b>Assay Type</b>          | Quantitative                                                                                                                                                                                   |
| <b>Intra-Assay</b>         | 2.20%                                                                                                                                                                                          |
| <b>Inter-Assay</b>         | 3.10%                                                                                                                                                                                          |
| <b>Spiking Recovery</b>    | 93.20%                                                                                                                                                                                         |
| <b>Calibration Range</b>   | 1.56 to 100 ng/mL                                                                                                                                                                              |
| <b>Limit of Detection</b>  | 0.01 ng/mL                                                                                                                                                                                     |
| <b>Reactivity</b>          | Bovine, Horse, Human, Monkey                                                                                                                                                                   |

|                         |                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regulation Status       | For research use only (RUO)                                                                                                                                                                       |
| Quality Control Testing | Standard Curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |
| Storage Instruction     | Store the kit at 4°C.                                                                                                                                                                             |

## Applications

- Quantification

## Gene Info — SFTPD

|                    |                                                                                                                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">6441</a>                                                                                                                                                                           |
| Gene Name          | SFTPD                                                                                                                                                                                          |
| Gene Alias         | COLEC7, PSP-D, SFTP4, SP-D                                                                                                                                                                     |
| Gene Description   | surfactant protein D                                                                                                                                                                           |
| Omim ID            | <a href="#">178635</a>                                                                                                                                                                         |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                      |
| Gene Summary       | pulmonary-associated protein D surfactant-associated protein                                                                                                                                   |
| Other Designations | OTTHUMP00000019944 collectin 7 pulmonary surfactant apoprotein pulmonary surfactant-associated protein D surfactant, pulmonary-associated protein D surfactant-associated protein, pulmonary 4 |

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- [Sudden Infant Death](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)