



Pig terminal complement complex C5b-9 (TCC C5b-9)ELISA Kit

| | | | | | | | | | | | |
|-----------------------------|---|------------|---|--------|------------|-----|-----------|----|--|---------|--------|
| Product Code | CSB-E15837p | | | | | | | | | | |
| Abbreviation | TCC C5b-9 | | | | | | | | | | |
| Target Name | terminal complement complex C5b-9 (TCC C5b-9) | | | | | | | | | | |
| Product Type | ELISA Kit | | | | | | | | | | |
| Immunogen Species | Sus scrofa (Pig) | | | | | | | | | | |
| Sample Types | serum, plasma, tissue homogenates | | | | | | | | | | |
| Detection Range | 18.75 ng/mL-1200 ng/mL | | | | | | | | | | |
| Sensitivity | 4.69 ng/mL | | | | | | | | | | |
| Assay Time | 1-5h | | | | | | | | | | |
| Sample Volume | 50-100ul | | | | | | | | | | |
| Detection Wavelength | 450 nm | | | | | | | | | | |
| Lead Time | 3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx. | | | | | | | | | | |
| Research Area | Others | | | | | | | | | | |
| Tag Info | quantitative | | | | | | | | | | |
| Protein Description | Sandwich | | | | | | | | | | |
| Description | <p>This Pig TCC C5b-9 ELISA Kit was designed for the quantitative measurement of Pig TCC C5b-9 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 18.75 ng/mL-1200 ng/mL and the sensitivity is 4.69 ng/mL.</p> | | | | | | | | | | |
| Product Precision | <p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p> | | | | | | | | | | |
| Linearity | <p>To assess the linearity of the assay, samples were spiked with high concentrations of pig TCC C5b-9 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <tr> <td>?</td><td>Sample</td><td>Serum(n=4)</td></tr> <tr> <td>1:1</td><td>Average %</td><td>99</td></tr> <tr> <td></td><td>Range %</td><td>85-105</td></tr> </table> | | ? | Sample | Serum(n=4) | 1:1 | Average % | 99 | | Range % | 85-105 |
| ? | Sample | Serum(n=4) | | | | | | | | | |
| 1:1 | Average % | 99 | | | | | | | | | |
| | Range % | 85-105 | | | | | | | | | |



| | | |
|-----|-----------|--------|
| 1:2 | Average % | 95 |
| | Range % | 85-113 |
| 1:4 | Average % | 95 |
| | Range % | 82-102 |
| 1:8 | Average % | 97 |
| | Range % | 85-110 |

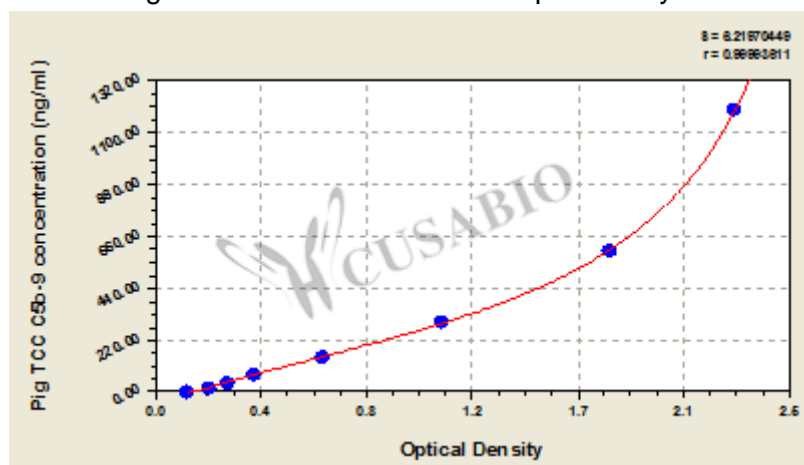
Recovery

The recovery of pig TCC C5b-9 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

| Sample Type | Average % Recovery | Range |
|-------------------|--------------------|--------|
| Serum (n=5) | 96 | 88-109 |
| EDTA plasma (n=4) | 97 | 85-105 |

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



| ng/ml | OD1 | OD2 | Average | Corrected |
|-------|-------|-------|---------|-----------|
| 1200 | 2.217 | 2.319 | 2.268 | 2.130 |
| 600 | 1.790 | 1.767 | 1.779 | 1.641 |
| 300 | 1.123 | 1.132 | 1.128 | 0.990 |
| 150 | 0.675 | 0.651 | 0.663 | 0.525 |
| 75 | 0.397 | 0.403 | 0.400 | 0.262 |
| 37.5 | 0.285 | 0.298 | 0.292 | 0.154 |
| 18.75 | 0.231 | 0.216 | 0.224 | 0.086 |
| 0 | 0.141 | 0.134 | 0.138 | ? |

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E15837p.pdf","filename":"MSDS"}}