

# Product Datasheet

## Human Complement C4b ELISA Kit (Colorimetric) NBP3-18769

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP3-18769****Human Complement C4b ELISA Kit (Colorimetric)**

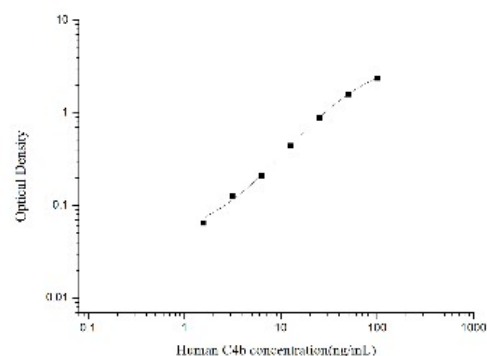
| <b>Product Information</b> |                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 1 Kit                                                                                                    |
| <b>Concentration</b>       | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| <b>Storage</b>             | Storage of components varies. See protocol for specific instructions.                                    |

| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                 | 721                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Symbol</b>             | C4B                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                                                                                  |
| <b>Specificity/Sensitivity</b> | This kit recognizes Human Complement C4b in samples. No significant cross-reactivity or interference between Human Complement C4b and analogues was observed.                                                                                                                                                                                          |
| <b>Kit Components</b>          | Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Manual, Certificate of Analysis |
| <b>Standard Curve Range</b>    | 1.56-100 ng/mL                                                                                                                                                                                                                                                                                                                                         |
| <b>Sensitivity</b>             | 0.94 ng/mL                                                                                                                                                                                                                                                                                                                                             |
| <b>Inter Assay</b>             | %CV < 5.34                                                                                                                                                                                                                                                                                                                                             |
| <b>Intra Assay</b>             | %CV < 5.65                                                                                                                                                                                                                                                                                                                                             |
| <b>Assay Type</b>              | Sandwich-ELISA                                                                                                                                                                                                                                                                                                                                         |
| <b>Spiking Recovery</b>        | 83-108%                                                                                                                                                                                                                                                                                                                                                |
| <b>Suitable Sample Type</b>    | Serum, plasma and other biological fluids                                                                                                                                                                                                                                                                                                              |
| <b>Sample Volume</b>           | 100 uL                                                                                                                                                                                                                                                                                                                                                 |

| <b>Product Application Details</b> |                       |
|------------------------------------|-----------------------|
| <b>Applications</b>                | ELISA, Sandwich ELISA |
| <b>Recommended Dilutions</b>       | ELISA, Sandwich ELISA |

**Images**

ELISA: Human Complement C4b ELISA Kit (Colorimetric) [NBP3-18769]  
- Standard Reference Curve.



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**Products Related to NBP3-18769**

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|                    |                                                       |
|--------------------|-------------------------------------------------------|
| H00000721-Q01-10ug | Recombinant Human Complement C4b GST (N-Term) Protein |
| MAB25031           | CFTR Antibody (24-1) [Unconjugated] - C-terminus      |
| H00000721-M03      | Complement C4b Antibody (1F2)                         |
| MAB1455            | Albumin Antibody (188835) [Unconjugated] - Serum      |

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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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