

# Product Datasheet

## Rat Aquaporin 1/AQP1 - Ready-to-Use ELISA Kit (Colorimetric) NBP3-54000

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP3-54000****Rat Aquaporin 1/AQP1 - Ready-to-Use 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>Description</b>                 | The Ready-To-Use ELISA kit offers pre-diluted detection reagents and a shorter experimental time.<br>Assay Length: 3 hours                                                                                      |
| <b>Gene ID</b>                     | 358                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | AQP1                                                                                                                                                                                                            |
| <b>Species</b>                     | Rat                                                                                                                                                                                                             |
| <b>Kit Components</b>              | Pre-coated 96T strip plate, Plate sealer for 96 wells, Standard, Standard Diluent, Detection Solution A, Detection Solution B, TMB Substrate, Stop Solution, Wash Buffer (30 x concentrate), Instruction manual |
| <b>Standard Curve Range</b>        | 0.312 - 20 ng/mL (example only; lot dependent)                                                                                                                                                                  |
| <b>Sensitivity</b>                 | 0.117 ng/mL (example only; lot dependent)                                                                                                                                                                       |
| <b>Inter Assay</b>                 | %CV < 12 (example only; lot dependent)                                                                                                                                                                          |
| <b>Intra Assay</b>                 | %CV < 10 (example only; lot dependent)                                                                                                                                                                          |
| <b>Assay Type</b>                  | Sandwich ELISA                                                                                                                                                                                                  |
| <b>Suitable Sample Type</b>        | Serum, plasma, tissue homogenates and other biological fluids                                                                                                                                                   |
| <b>Sample Volume</b>               | 100 uL                                                                                                                                                                                                          |
| <b>Product Application Details</b> |                                                                                                                                                                                                                 |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                           |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                           |





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### **Products Related to NBP3-54000**

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|                |                                              |
|----------------|----------------------------------------------|
| NBP1-84488PEP  | Aquaporin 1/AQP1 Recombinant Protein Antigen |
| DVE00          | VEGF [HRP]                                   |
| NB600-749      | Aquaporin 1/AQP1 Antibody (1/A5F6)           |
| 7954-GM-010/CF | GM-CSF [Unconjugated]                        |

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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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