

## Alpha-1-Acid Glycoprotein 1 (ORM1) Antibody Pair

Catalogue No.: abx370211

Alpha-1-Acid Glycoprotein 1 (ORM1) Antibody Pair for use in Sandwich ELISA assay development. This antibody pair contains:

| Component                            | 5 × 96 tests | 10 × 96 tests |
|--------------------------------------|--------------|---------------|
| Capture Antibody                     | 200 µg       | 400 µg        |
| Biotin-Conjugated Detection Antibody | 50 µg        | 100 µg        |
| Standard                             | 2 µg         | 10 µg         |

Please note that quantities and concentrations may change between different batches.

It is recommended to use this antibody pair with [abx098958 Antibody Pair Support Kit \(Sandwich Method\)](#).

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| <b>Target:</b>                         | Alpha-1-Acid Glycoprotein 1 (ORM1)                                                                                                                                                                                               |
| <b>Reactivity:</b>                     | Mouse                                                                                                                                                                                                                            |
| <b>Tested Applications:</b>            | ELISA                                                                                                                                                                                                                            |
| <b>Recommended dilutions:</b>          | Dilute the Capture Antibody 125-fold with Coating Buffer.<br>Dilute the Biotin-Conjugated Detection Antibody 200-fold with Detection Antibody Diluent.<br>Optimal dilutions/concentrations should be determined by the end user. |
| <b>Form:</b>                           | Liquid (Capture Antibody and Detection Antibody)                                                                                                                                                                                 |
| <b>Reconstitution:</b>                 | Reconstitute the standard with Standard Diluent. The volume, and therefore standard concentration, should be determined by the end user.                                                                                         |
| <b>Storage:</b>                        | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                                                                                                                   |
| <b>UniProt Primary AC:</b>             | P02763 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                                                      |
| <b>Buffer:</b>                         | The Capture and Detection Antibody both contain 0.1% sodium azide.                                                                                                                                                               |
| <b>Standard Form:</b>                  | Lyophilized                                                                                                                                                                                                                      |
| <b>Assay Type:</b>                     | Sandwich                                                                                                                                                                                                                         |
| <b>Capture Antibody Conjugation:</b>   | Unconjugated                                                                                                                                                                                                                     |
| <b>Detection Antibody Conjugation:</b> | Biotin                                                                                                                                                                                                                           |

# Datasheet

Version: 4.0.0

Revision date: 10 Oct 2025



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| <b>Concentration:</b>      | Capture Antibody: 0.5 mg/ml<br>Biotin-Conjugated Detection Antibody: 0.2 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Directions for use:</b> | <p>Bring all components to room temperature (18-25°C) and briefly spin or centrifuge the vials before use. Working solutions should be prepared and used immediately.</p> <p><u>Recommended Procedure:</u></p> <ol style="list-style-type: none"><li>1. Dilute the Capture Antibody to working concentration using Coating Buffer. Immediately coat the 96-well plate with diluted Capture Antibody (100 µl per well). Seal the plate and incubate at 4 °C overnight or at 37 °C for 2 hours</li><li>2. Aspirate the wells and wash with Wash Buffer (350 µl per well) and allow to soak for 1-2 min. Remove the liquid by inverting and tapping the plate on to absorbent paper.</li><li>3. Block the plate with Blocking Buffer (200 µl per well) at 37 °C for 1.5 hours.</li><li>4. Repeat the aspiration/wash process in Step 2.</li><li>5. Add 100 µl of standards or sample into the appropriate wells. Cover with a plate sealer and incubate at 37 °C for 1 hour.</li><li>6. Repeat the aspiration/wash process in Step 2.</li><li>7. Add appropriately diluted Biotin-Conjugated Detection Antibody (100 µl per well). Cover the plate with a new plate sealer and incubate at 37 °C for 1 hour.</li><li>8. Repeat the aspiration/wash process in Step 2.</li><li>9. Add appropriately diluted Streptavidin HRP (100 µl per well). Cover the plate with a new plate sealer and incubate at 37 °C for 30 min.</li><li>10. Repeat the aspiration/wash process in Step 2.</li><li>11. Add Substrate Solution (90 µl per well). Cover the plate with a new plate sealer and incubate at 37 °C for 10-20 min. Keep the plate in the dark and avoid exposure to light.</li><li>12. Add Stop Solution (50 µl per well). Tap the side of the plate to ensure thorough mixing.</li><li>13. Measure the absorbance immediately using a microplate reader set at 450 nm.</li></ol> |