Cortisol Antibody Pair

Catalogue No.:abx370885

Cortisol Antibody Pair for use in Competitive ELISA assay development. This antibody pair contains:

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

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

It is recommended to use this antibody pair with abx098959 Antibody Pair Support Kit (Competitive Method).

Target: Cortisol

Reactivity: General

Tested Applications: ELISA

Recommended dilutions: Dilute the Capture Antigen 125-fold with Coating Buffer.
Dilute the Biotin-Conjugated Antibody 200-fold with Biotin-Conjugated Antibody Diluent.
Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid (Capture Antigen and Biotin-Conjugated Antibody)

Reconstitution: The standard is Native Cortisol. Reconstitute with Standard Diluent. The volume, and therefore standard concentration, should be determined by the end user. The recommended reconstitution volume is 1.0 ml for a standard curve range of 24.7 ng/ml - 2000 ng/ml.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Buffer: The OVA-Conjugated Capture Antigen and Biotin-Conjugated Antibody both contain 0.05% Proclin-300 and 50% glycerol.

Test Range: 24.7 ng/ml - 2000 ng/ml

Standard Form: Lyophilized

Assay Type: Competitive

Detection Antibody Host: Mouse

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Detection Antibody Clonality:	Monoclonal
Detection Antibody Conjugation:	Biotin
Concentration:	Capture Antigen: 0.5 mg/ml Biotin-Conjugated Antibody: 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.
Directions for use:	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. Recommended Procedure: 1. Dilute the Capture Antigen to working concentration using Coating Buffer. Immediately coat the 96-well plate with diluted Capture Antigen (100 µl per well). Seal the plate and incubate at 4 °C overnight or at 37 °C for 2 hours 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. 3. Block the plate with Blocking Buffer (200 µl per well) at 37 °C for 1.5 hours. 4. Repeat the aspiration/wash process in Step 2. 5. Add 50 µl of standards or sample into the appropriate wells, followed by 50 µl of working Biotin-Conjugated Antibody. Cover with a plate sealer and incubate at 37 °C for 1 hour. 6. Repeat the aspiration/wash process in Step 2. 7. 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. 8. Repeat the aspiration/wash process in Step 2, for a total of 5 times. 9. 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. 10. Add Stop Solution (50 µl per well). Tap the side of the plate to ensure thorough mixing. 11. Measure the absorbance immediately using a microplate reader set at 450 nm.

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