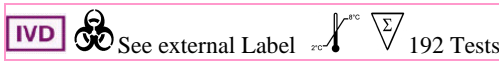


AccuDiag™ Human Allergen Specific IgA ELISA Kit

Cat# 1807-9



Test	Human Allergen Specific IgA
Method	Enzyme Linked Immunosorbent Assay
Principle	Sandwich Complex
Detection Range	Class I - Class IV
Sample	10 µL serum / plasma
Specificity	N/A
Sensitivity	N/A
Total Time	~150 min.
Shelf Life	12-14 Months from the manufacturing date

INTENDED USE

To quantitate human Immunoglobulin A (IgA) specific for common allergens.

TEST PRINCIPLE

Solid phase capture sandwich ELISA assay using allergen coated microwells.

Patient and Standard Dilutions:

Dilute each serum or plasma specimen to be tested 1:10 with the Specimen Diluent provided. Use Specimen Diluent alone as a zero control or blank.

MATERIALS AND COMPONENTS

Materials provided with the test kits

- 2-Allergen coated microwell strips 12x8 with plastic frame
- 2-HRP conjugated goat anti-human IgA -12mL
- 2-TMB/peroxide substrate color developer -12mL
- 2-Sulfuric acid termination reagent (0.5N) -12mL
- 15 X Wash buffer concentrate - 60mL

ASSAY PROCEDURE

*Allow each reagent to reach room temperature before use

1. Add 100uL of *diluted* specimen to each microwell.
2. Incubate at room temperature for 60 minutes.
3. Decant and wash each microwell four times with wash buffer (dilute buffer 1:15 with reagent grade water).
4. Add 100uL of HRP conjugated goat anti-human IgA to each well.
5. Incubate at room temperature for 60 minutes.
6. Decant and wash as in step 3.
7. Add 100uL of TMB/peroxide substrate and incubate at room temperature for 30 minutes.

8. Terminate the reaction with 100uL of 0.5N sulfuric acid.
9. Zero the microwell reader at 450nm using the specimen diluent zero control well.
10. Determine the optical density (O.D.) of the remaining wells.

RESULTS

O.D. @450nm:	Class:
0.000-0.250	Class 0
0.250-0.350	Class I (Equivocal)
0.350-0.450	Class II (True Positive)
0.450-0.550	Class III
>0.550	Class IV


LIMITATIONS OF PROCEDURE


No single assay should be used as the only basis for arriving at a diagnostic conclusion. For research use only.

Shelf Life

The expiration date for the package and each component is stated on the label(s). Store components at 2-8°C.

ISO 13485
ISO 9001




**Diagnostic Automation/
Cortez Diagnostics, Inc.**
 23961 Craftsman Road, Suite E/F,
 Calabasas, California 91302 USA

Date Adopted	Cat # 1807-9
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