

# Adenosine Deaminase (ADA) Test Kit

## PNP-XOD Method

### INTERPRETATION OF RESULTS

Automated Parameters	
Wavelength	546 nm
Measurement	Against DI Water
Reaction Temperature	37°C
Reaction Type	Fix time Kinetic
Reaction Direction	Increasing
Incubation	3 Min.
Sample Volume	10 µl
Reagent I Volume	400 µl
Reagent II Volume	200 µl
Delay/Lag/Time	300 Sec.(5min.)
Measuring Time	180 Sec.(3min.)
Linearity	200
Units	IU/L

### MANUAL ASSAY PROCEDURE

#### Pipette into Test Tubes.

REAGENT I	400 µl
SAMPLE	10 µl
Mix well and incubate for 3 mins at 37°C & Immediately Add	
REAGENT II	200 µl

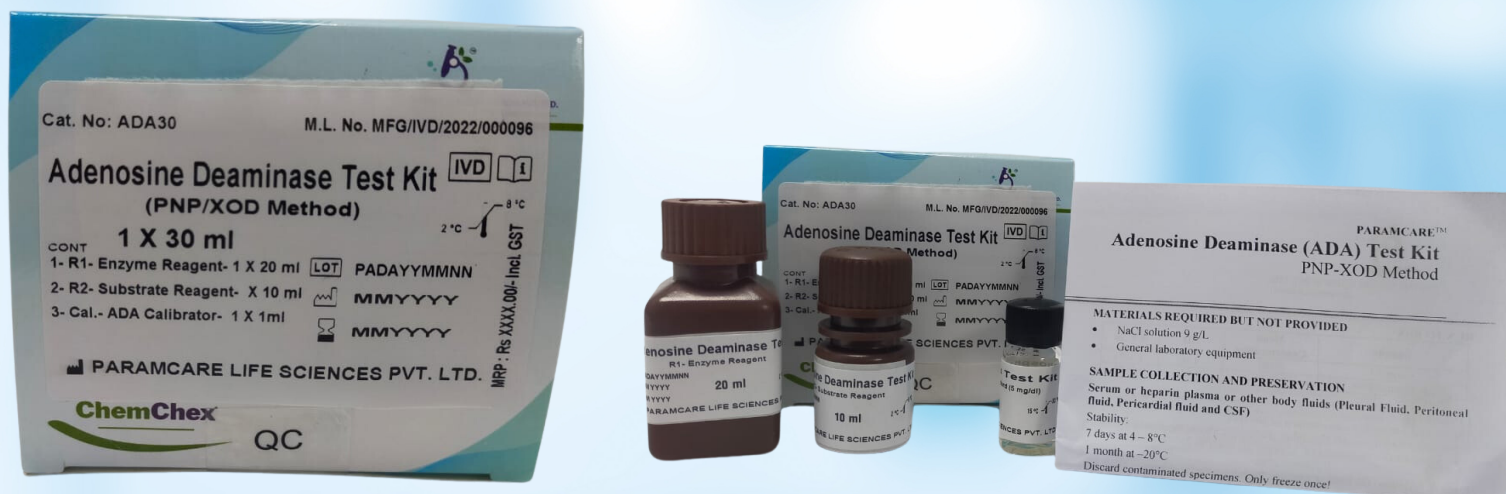
**Mix & aspirate. After the initial delay time of 300 seconds, record the abs of the test at the interval of 60 seconds for the next 180 seconds at 546 nm.**

#### SAMPLE DILUTIONS:

1. **This method is linear upto a concentration of 200 IU/L.**
2. **If the concentration exceeds this value, the sample should be diluted 1:1 with 0.9% saline solution and reassayed.**
3. **Multiply the result by 2.**

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### LINEARITY

The method is linear to a concentration of 200 IU/L. If the concentration exceeds this value, the sample should be diluted 1:1 with 0.9% saline solution and reassayed.  
Multiply the result by 2.

**Limit of detection:** The limit of detection for Adenosine Deaminase is 4IU/L.

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