

ADAZYME-LS	Enzymatic Assay For ADA Determination		
Application	For the Determination of Adenosine Deaminase Activity in Serum, Plasma and Biological Fluids by Enzymatic Method		
Principle	The ADA assay is based on the enzymatic deamination of adenosine to inosine which is converted to hypoxanthine by purine nucleoside phosphorylase (PNP). Hypoxanthine is then converted to uric acid and hydrogen peroxide (H O) by xanthine 2 2 oxidase (XOD). H O is further reacted with N-Ethyl-N-(2-hydroxy-3-sulfopropyl)-3-methylaniline (EHSPT) and 4- 2 2 amino antipyrine (4-AA) in the presence of peroxidase (POD) to generate a Quinone dye which is monitored in a kinetic manner		
Specificity	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
Reagent System	a) R1 - ADAZYME -LS: Enzyme Reagent, ready to use. b) R2 - ADAZYME -LS: Starter Reagent, ready to use c) C - ADAZYME -LS: Calibrator (Lyophilized)		
Test duration	11 mins		
Storage / Stability	2-8°C, 18 months		
In Use Stability	Reconstituted Calibrator is stable for 15 days at 2-8°C.		

Presentation	Pack	Cat.No.
Adazyme™ LS	10 ml	1102310010
	25 ml	1102310025