

Xanthine Oxidase (XOD) Activity Fluorometric Assay Kit

Cat No: HR3BC1244

For research use only

Overview

Detection Method	Fluorescence method
Storage	-20°
Instrument	Fluorescence microplate reader (Ex/Em=535 nm/587 nm)
Assay Time	25 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum, plasma, animal tissue
Synonyms	XOD
Instrument	Fluorescence microplate reader (Ex/Em=535 nm/587 nm)
Detection Principle	Hypoxanthine are oxidized by xanthine oxidase (XOD) to produce xanthine and super oxygen anion, which will quickly convert to hydrogen peroxide in the system, and then, in the role of peroxidase, hydrogen peroxide can oxidize the non-fluorescent probe to fluorescent substance. By measuring the fluorescence value, the corresponding the activity of xanthine oxidase can be calculated.
Reagents	
Labware	Vortex mixer, Centrifuge
Size	96T
Sensitivity	0.01 U/L
Detection Range	0.01 -1.2 U/L
Recovery Rate	