

Rat Erythroferrone Rapid ELISA kit

This Rapid ELISA kit applies Sandwich enzyme immunoassay technique for the quantitative detection. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat Erythroferrone. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat Erythroferrone and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free coErythroferronenelements are washed away. The substrate solution is added to each well. Only those wells that contain Rat Erythroferrone, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of $450\text{ nm} \pm 2\text{ nm}$. The OD value is proportional to the concentration of Rat Erythroferrone. You can calculate the concentration of Rat Erythroferrone in the samples by comparing the OD of the samples to the standard curve.

Catalog No.	3543549
Size	96-Well Tests
Product Category	Rapid ELISA
Reactivity	Rat
Sample	Serum; Plasma; Tissue Homogenate; Other Biological Samples
Assay Method	Sandwich ELISA
Assay Duration	1.5H
Sensitivity	46.88 pg/mL
Standard Curve Range	78.13-5000 pg/mL
Storage/Stability	-20°C/1 year; 4°C/6 months

