

Hydrogen Peroxide Content Assay kit

H₂O₂ is the most common active oxygen molecule in organisms, which is mainly produced by SOD and XOD and degraded by CAT and POD. H₂O₂ not only It is one of the important reactive oxygen species, and it is also the hub of the mutual transformation of reactive oxygen species. On the one hand, H₂O₂ can directly or indirectly oxidize nucleic acids, proteins, etc. in cells biological macromolecules, and damage the cell membrane, thereby accelerating the disintegration of cells; on the other hand, H₂O₂ is also the key to many oxidative stress responses.

H₂O₂ and titanium sulfate form a yellow titanium peroxide complex, which has a characteristic absorption at 415nm.

Catalog No.	250359
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs