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Product Datasheet

Glucose Oxidase Activity (GOD) Colorimetric Assay Kit BYT-ORB1173244

Article Name	Glucose Oxidase Activity (GOD) Colorimetric Assay Kit
Biozol Catalog Number	BYT-ORB1173244
Supplier Catalog Number	orb1173244
Alternative Catalog Number	BYT-ORB1173244-480, BYT-ORB1173244-96
Manufacturer	Biorbyt
Category	Kits/Assays
Product Description	Glucose Oxidase Activity Assay Kit provides a colorimetric assay for detecting GOD activity in biological samples and food. The resulting product is measured at OD 580 nm, with the signal being proportional to the oxidase activity....
Range	0.05 - 2 U/L
Sensitivity	0.05 U/L
Application Notes	Application Notes: Glucose Oxidase Activity Assay Kit provides a simple and easy colorimetric assay for detecting Glucose Oxidase Activity in biological samples such as in serum or plasma, cells, urine, other body fluid, food, growth medium. In this assay, GOD activity is determined by a coupled enzyme assay, in which GOD oxidizes D-glucose resulting in the production of hydrogen peroxide (H ₂ O ₂) that reacts with chromogen in an acid condition, produce a product that can be measured at OD 580 nm. Therefore, the glucose oxidase activity present in the sample is proportional to the signal obtained