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Product Datasheet

CheKine(TM) Micro Hydroxyl Free Radical Scavenging Capacity Assay Kit ASC-KTB1091

Article Name	CheKine(TM) Micro Hydroxyl Free Radical Scavenging Capacity Assay Kit
Biozol Catalog Number	ASC-KTB1091
Supplier Catalog Number	KTB1091
Alternative Catalog Number	ASC-KTB1091-48, ASC-KTB1091-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	CheKine(TM) Micro Hydroxyl Free Radical Scavenging Capacity Assay Kit (Salicylic Acid Method) is specially developed for the detection of Hydroxyl Free Radical Scavenging Capacity in various sample such as plasma, serum, bacteria, animal /plant tissue...
Tag	Hydroxyl Free Radical Scavenging Capacity
Application Notes	Abbkine CheKine(TM) Micro Hydroxyl Free Radical Scavenging Capacity Assay Kit (Colorimetric) (Salicylic Acid Method) is specially developed for the detection of Hydroxyl Free Radical Scavenging Capacity in various sample. The operation is simple and convenient, and the detection is more sensitive and accurate. In this assay, H ₂ O ₂ / Fe ²⁺ generates hydroxyl free radical through the Fenton reaction. Salicylic acid can effectively capture the generated hydroxyl free radical and reacts with them to produce 2,3-dihydroxybenzoic acid with a maximum absorption peak at 520 nm. After the substances with the capacity to scavenge hydroxyl free radical, resulting in the decrease of 520 nm absorbance. The value of 520 nm absorbance can reflect the Hydroxyl Free Radical Scavenging Capacity of the sample.