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Product Datasheet

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

Artikelname	CheKine(TM) Micro Hydroxyl Free Radical Scavenging Capacity Assay Kit
Artikelnummer	ASC-KTB1091
Hersteller Artikelnummer	KTB1091
Alternativnummer	ASC-KTB1091-48, ASC-KTB1091-96
Hersteller	Abbkine Scientific
Kategorie	Kits/Assays
Produktbeschreibung	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
Anwendungsbeschreibung	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.