Ascorbic Acid (AsA) Kit

PRODUCT OVERVIEW

Product Name	Ascorbic Acid (AsA), Kit
Full Product Name	Micro Ascorbic Acid (AsA) Assay Kit
Product Gene Name	AsA kit
Samples	Animal and Plant Tissues, Cells, Serum and other fluids
Detection Range	6.25-2,000 umol/L
Preparation and Storage	Storage at -20 degree C and protected from light upon receipt. Kit has a storage time of 6 months form receipt.
Features & Benefits	Determination of Ascorbic Acid (AsA) in a variety of biological samples such as plant tissues, cells, blood serum and other fluids. Detailed sample preparation and result calculation methods are provided. Simple operation steps.
Usage Notes	Addition of Working Reagent should be quick and mixing should be brief but thorough. The following substances interfere and should be avoided in sample preparation.
Product Categories/Family for AsA kit	Cell metabolism detection kit; Cell analysis
Related Product Information for AsA kit	Principle of the Assay: Ascorbic acid (AsA), also known as vitamin C, is a coenzyme, free radical scavenger, electron community/acceptor, and substrate for oxalate and tartrate biosynthesis. As the most important antioxidant in plant cells, AsA plays an important role in protecting chloroplasts from oxidative damage and is one of the important indicators to measure the quality of crop products. CheKine™ Micro Ascorbic Acid (AsA) Assay Kit provides a simple test to detect the AsA content in biological samples such as animal and plant tissues, cells, blood serum and other fluids. Ascorbate oxidase (AAO) catalyzes the oxidation of AsA to DHA, and the AsA content can be calculated by measuring the oxidation rate of AsA.
Other Notes	Small volumes of AsA kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AsA purchase	MBS9719416 is a kit targeting AsA. Also known as Micro Ascorbic Acid (AsA) Assay Kit.

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Online datasheet: https://www.mybiosource.com/kits/ascorbic-acid-asa/9719416