Megazyme Test Kits for Auto-analysers

Megazyme produces and supplies a number of test kits that have been optimised for general autoanalyser use and it is also possible to modify other Megazyme test kits. Currently available test kits optimized for auto-analyser use are listed here:

Acetic acid (Product code: K-ACETAF)
Acetic acid (Product code: K-ACETAK) *Negative reaction*
Ammonia (Product code: K-AMIAR)
L-Arabinose / D-Galactose (Product code: K-ARGA)
Ascorbic acid / L-Ascorbate (Product code: K-ASCO)
Aspartame (Product code: K-ASPTM)
Citric acid (Product code: K-CITR)
D-Fructose / D-Glucose (Product codes: K-FRUGL and K-FRGLQR - Liquid reagent)
Ethanol (Product code: K-ETOH)
Formic acid (Product code: K-FORM)
D-Galacturonic acid / D-Glucuronic acid (Product code: K-URONIC)
Gluconate / Glucono-δ-lactone (Product code: K-GATE)
D-Glucose (Product code: K-GLUHKR or K-GLUHKL)
D-Glucosamine (Product code: K-GAMINE)
Glycerol (Product code: K-GCROLGK)
D-3-Hydroxybutyric Acid (Product code: K-HDBA)
D-Isocitric acid (Product code: K-ISOC)
L-Fucose (Product code: K-FUCOSE)
D-Lactic acid (Product code: K-DATE)
L-Lactic acid (Product code: K-LATE)
D-Malic acid (Product code: K-DMAL)
L-Malic acid (Product codes: K-LMALAF and K-LMALQR - Liquid reagent)
D-Mannitol / L-Arabitol (Product code: K-MANOL)
Primary amino nitrogen (Product code: K-PANOPA)
Pyruvic acid (Product code: K-PYRUV)
D-Sorbitol / Xylitol (Product code: K-SORB)
Succinic acid (Product code: K-SUCC)
Tartaric acid (Product code: K-TART - Liquid reagent)
Trehalose (Product code; K-TREH)
Total Sulphite (Enzymatic; Product code: K-ETSULPH)
Total Sulphite (Product code: K-TSULPH - Liquid reagent)
Total and Free Sulphite (Product code: K-SULPH - Liquid reagent)
D-Xylose (Product code: K-XYLOSE)

If you are familiar with the settings on your instrument then it is relatively simple to input settings to perform the tests. You must ensure that your instrument is able to perform the required number of additions for the automated assay e.g. sample, R1 and R2.

If you require further information regarding the set-up of the Megazyme test kits in auto-analyser format for use with a particular auto-analyser instrument please fill out the Auto-analyser Parameters form below and send this to Megazyme (vincent@megazyme.com) listing the test kits which you wish to perform along with details of the type of samples you wish to test.

<u>Auto-analyser Parameters</u>

Instrument:

Reaction temperature:

Reagent storage temperature:

Light Pathlength (mm):

Available wavelengths (nm):

No. of reagent additions available:

Volume range of reagent additions (mL):
       1:
       2:
       3:
       4:
       5:

Minimum volume per well required to take a reading: