Total Sulfite Assay Kit

Liquid Ready™

PLEASE READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST

SKU: 700007891

Reference Code	K-TSULQR
Recommended Working Range	0.005 g/L - 0.300 g/L
Limit of Detection	0.002 g/L
Limit of Quantification	0.005 g/L

MATERIALS

Kit Contents:



2 x 50 mL
Reagent 1 (R1)



2 x 12.5 mL
Reagent 2 (R2)



5 mL
Calibrator

Additional Tools Needed:



Cuvettes



Pipettes



Sample[1]



DI Water



Incubator[2]



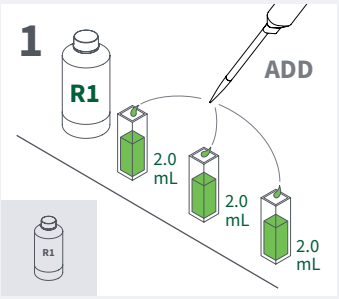
Spectrophotometer



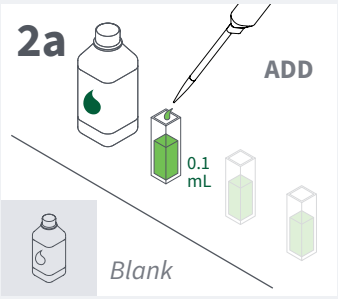
Calculator
(Mega-Calc™)[3]

TEST PROCEDURE

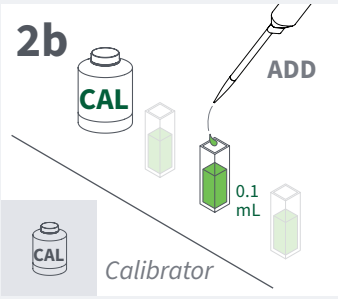
It is recommended that all samples are analysed in duplicate.



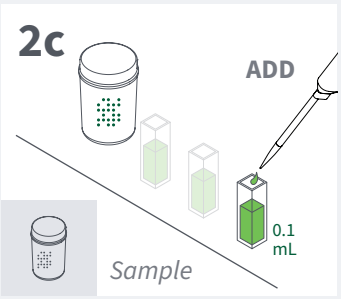
- Add **2.0 mL of REAGENT 1** to each cuvette



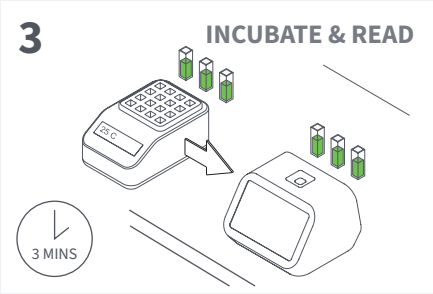
- Add **0.1 mL of WATER** to first cuvette
- Mix[4]



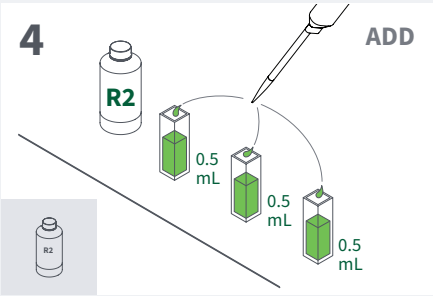
- Add **0.1 mL of CALIBRATOR** to second cuvette
- Mix[4]



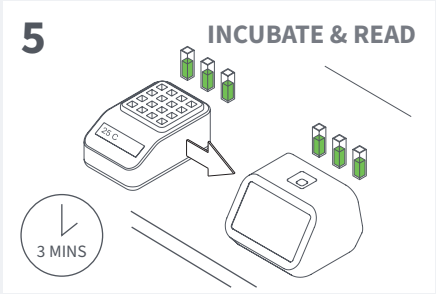
- Add **0.1 mL of SAMPLE**[1] to third cuvette
- Mix[4]



- Incubate at 20-37°C, for **3 minutes**
- Place in spectrophotometer set at **400 nm**, read absorbance **(A1)**



- Add **0.5 mL of REAGENT 2** to each cuvette
- Mix[4]



- Incubate at 20-37°C, for **3 minutes**
- Place in spectrophotometer set at **400 nm**, read absorbance **(A2)**

[1] Refer to kit instructions for sample preparation prior to analysis.
[2] An incubator is not required if ambient temperature is in the range of 20-37°C.
[3] The Mega-Calc tool (available from the product page) can be used to simplify results calculation.
[4] Mix thoroughly either by aspiration with the pipette tip used to dispense the liquid or by gentle inversion after sealing the cuvette. Use a new pipette tip each time you collect a new solution.

Product Page

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