

TRANSPORT MEDIUM, STUART WITHOUT CHARCOAL

A semi-solid, non-nutritional medium for the transportation of fastidious pathogens with prolonged survival of micro-organisms from collection to culturing.

Dehydrated media	
Code number:	500 g: TSW20500, 5 kg: TSW25000
Colour:	White
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 - 7,6

Direction: Suspend **16 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: TSW30100, 500 ml: TSW30500
Colour:	Water clear
pH (25 °C):	7,3 - 7,5

Direction: Dispense the melted bottled media aseptically into final containers.

FORMULA in g/l

Sodium chloride	0,100
Sodium thioglycolate	0,500
L-Cysteine	0,400
Methylene blue	0,001
Sodium glycerophosphate	10,000
Agar	5,000

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Streptococcus pyogenes</i> ATCC 19615		Good growth of the test organism on Columbia Blood Agar, following subculture after 48h in transport medium (25 °C).	

References: Stuart et al. (1959) Pub. Hlth. Rep. Wash. 74: 431.

In vitro diagnostic – for professional use only!