

# Product Specification Sheet

## *Diagnostic Sensitivity Test (D.S.T.) Agar*

Intended Usage: A susceptibility test medium for antimicrobial testing.

For professional use only.

<b>PO5068A</b>
<b>Revision Date: 08 February 2017</b>

**Thermo Scientific™ Diagnostic Sensitivity Test (D.S.T.) Agar**

Form of Product	Poured plate
Storage	6 – 12°C
Filling weight	20 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.4 ± 0.2
Colour	Ivory, transparent
Shelf life	26 weeks
Intended Usage	A susceptibility test medium for antimicrobial testing. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM 261.

Typical formulation*	g/l
Proteose peptone	10.0
Veal infusion solids	10.0
Glucose	2.0
Sodium chloride	3.0
Disodium phosphate	2.0
Sodium acetate	1.0
Adenine sulphate	0.01
Guanine hydrochloride	0.01
Uracil	0.01
Xanthine	0.01
Aneurine	0.00002
Agar	12.0

\* Adjusted as required to meet performance standards.

## Quality Control

1. Control for general characteristics, labeling and printing.
2. Control for sterility  
> 72 h @ 25 ± 1°C, aerobic  
> 72 h @ 36 ± 1°C, aerobic
3. Biological control  
Incubation conditions: 18 ± 2 h @ 36 ± 1°C, aerobic

Incubation conditions: 18 ± 2 h @ 36 ± 1°C, aerobic

Control Strain	Growth
<i>Escherichia coli</i> ATCC® 35218™	Good growth, cream shiny colonies
<i>Pseudomonas aeruginosa</i> ATCC® 27853™	Good growth, green, yellow colonies
<i>Staphylococcus aureus</i> ATCC® 25923™	Good growth, white shiny colonies.
<i>Enterococcus faecalis</i> ATCC® 29212™	Good growth, white shiny colonies



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