82359

DNase Test Agar Base

Part D

Specifications

Appearance (Colour)	Light beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	42.00 gm/liter
Solubility before autoclaving (Clarity)	Very slightly to slightly opalescent, may have a slight precipitate
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Very slightly opalescent, may have a slight precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Cultural Response	Inoculate and incubate at 37°C for 24-48 hours with the following. Flood DNase Test Agar with 1N Hydrochloric acid prior to observing DNase activity
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good DNase Test : (+)ve
Organism	Staphylococcus epidermidis ATCC 12228
Inoculum (cfu) 10-100	Growth : Good DNase Test : (-)ve
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good DNase Test :(+)ve
Key	(+)ve indicates positive reaction (-)ve indicates negative reaction

Other Information

Applications

Used for differentiation of microorganisms based on their production of deoxyribonuclease.

Composition	
Ingredients	gms/lt.
Tryptose	20.00
Deoxyribonucleic acid	2.00
Sodium chloride	5.00
Agar	15.00

Directions

1. Add 42.00 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.

General Information

Storage	8 to 25°C (Cool & Dry Area)
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
500 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms

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