

AMIES TRANSPORT MEDIUM (with charcoal)

Semi-solid medium for transport of clinical specimens and other microorganisms.

TYPICAL FORMULA	(g/l)
Charcoal	10.0
Sodium Chloride	3.0
Calcium Chloride	0.1
Potassium Chloride	0.2
Magnesium Chloride	0.1
Monopotassium Phosphate	0.2
Disodium Phosphate	1.15
Sodium Thioglycollate	1.0
Agar	4.0

Final pH = 7.2 ± 0.2 at 25 °C.

DIRECTIONS

Suspend 19.8 g of powder in 1 liter of distilled or deionized water. Heat to boiling, shake until completely dissolved and dispense into final containers as appropriate. Sterilize in autoclave at 121 °C for 15 minutes.

DESCRIPTION

AMIES TRANSPORT MEDIUM is a semi-solid medium, non nutritional, used for transport of specimens to submit to microbiology analysis. Charcoal present in the medium permits a high survival rate of the bacteria from fecal specimens and *Neisseria gonorrhoeae*, whilst the sodium thioglycollate lowers the redox potential of the medium, thereby allowing a better conservation of anaerobic bacteria.

TECHNIQUE

After collecting the clinical specimen with a swab, insert one third of the swab into the centre of the medium. Then cut the stick and screw down the cap to force the swab to the bottom of the medium.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: black.

Prepared medium

Appearance: opalescent.

Color: black.

Incubation conditions: 25 °C for 18-24 hours.

Microorganism	ATCC	Survival
<i>Streptococcus pyogenes</i>	19615	good
<i>Streptococcus pneumoniae</i>	6303	good
<i>Haemophilus influenzae</i>	10211	good
<i>Neisseria gonorrhoeae</i>	19424	good

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.

Store prepared tubes at 2-8 °C.

REFERENCES

1. Amies, C.R. 1967. Can J. Public Health **58**:296-300.
2. Baron. M. A. Pfaller, F. C. Tenover, and R. H. Tenover (Ed.), Manual Of Clinical Microbiology, 6th Ed. American.



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PRESENTATION









Product	REF	
AMIES TRANSPORT MEDIUM (25.2 l)	610152	500 g
AMIES TRANSPORT MEDIUM (5.1 l)	620152	100 g
AMIES TRANSPORT MEDIUM (252.5 l)	6101525	5 kg

TABLE OF SYMBOLS

LOT Batch code	 Caution, consult accompanying documents	 Manufacturer	 Contains sufficient for <n> tests	IVD <i>In Vitro</i> Diagnostic Medical Device
REF Catalogue number	 Fragile, handle with care	 Use by	 Temperature limitation	 Keep away from heat source



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