

UPUTSTVO ZA UPOTREBU

(SRB)

Sheep Blood Agar Plate

Podloga za izolaciju i kultivaciju visoko zahtevnih patogenih mikroorganizama kao što su Neisseria, streptokoke itd.

Sadržaj pakovanja:

Šifra artikla (pakovanja) REF	Opis	Šifra primarnog pakovanja:	Broj podloga
PRM073V20	Podloga izlivena u petri posudama od ø90	PRM073	20
PRM073V60			60
PRM073V240			240
PRM073M40	Podloga izlivena u petri posudama od ø50		40

Uputstva

Pod aseptičnim uslovima inokulisati ploču metodom površinskog zasejavanja. Nakon inkubacije posmatrati rast i hemolizu oko kolonija.

Princip i interpretacija

Sheep Blood Agar je visoko hranljiva podloga namenjena izolaciji i kultivaciji zahtevnih mikroorganizama. Blood Agar je preporučena od strane APHA (5) i standardnih metoda (6,7) za ispitivanje uzoraka hrane. Govedi ekstrakt i triptozu obezbeđuju ugljenik, azot, aminokiseline i vitamine. Natrijum hlorid pomaže u održavanju osmotske ravnoteže podloge. Prisustvo krvi čini podlogu hranljivijom pružajući dodatne faktore rasta koji su potrebni zahtevnim mikroorganizmima. Krv takođe pomaže i u vizualizaciji hemolitičkih reakcija. Međutim, hemolitičke reakcije zavise od upotrebene životinjske krvi. Ovčija krv daje najbolje rezultate za Streptokoke grupe A (8), ali ovčija krv ne podržava rast Haemophilus haemolyticus, jer ima deficit piridin nukleotida.

Kontrola kvaliteta

Podaci i rezultati kontrole kvaliteta dati su u sertifikatu analize za svaku seriju.

Skladištenje i rok upotrebe

Čuvati između 15-25°C. Nakon prvog otvaranja čuvati na 2-8°C. Upotrebiti pre isteka datuma označenog na nalepnici.

Mere predostrožnosti

Ovaj proizvod ne sadrži hazardne supstance u koncentracijama koje su iznad propisanih limita određenih važećim zakonskim regulativama i zato nije klasifikovan kao opasan. Ipak, preporučeno je slediti smernice iz bezbednosnog lista za pravilnu upotrebu. Ovaj proizvod je namenjen isključivo za upotrebu u laboratorijskim uslovima, od strane profesionalno obučene osobe.

Proizvod ne upotrebljavati ukoliko je primarno pakovanje oštećeno ili proizvod ne odgovara navedenim karakteristikama.

Odlaganje otpada

Odlaganje otpada mora biti u skladu sa nacionalnim i lokalnim regulativama koje su na snazi. Svaka laboratorija je odgovorna za rukovanje i odlaganje otpada koji nastaje u toku rada.

Upotrebjeni simboli

CE	Evropski znak usaglašenosti	↑↑	Držati uspravno
IVD	In vitro dijagnostičko medicinsko sredstvo	REF	Kataloški broj
☀	Ne izlagati direktno sunčevim zracima	LOT	Lot broj
📖	Konsultovati uputstvo za upotrebu	🕒	Rok upotebe
🚫	Ne koristiti više puta	🌡	Temperatura čuvanja
Σ	Veličina pakovanja	🏭	Proizvođač
EC REP	Ovlašćeni predstavnik u Evropskoj uniji		

EC REP	Salus Cons kft. 6722 Szeged, Bécsi krt 23, HUNGARY e-mail: office@saluscons.com
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Literatura

1. Noble W. C., 1962, J. Clin. Pathol., 15:552.
2. Hansen N. H., 1962, J. Appl. Bacteriol., 25:46.
3. Hayes P. R., 1963, J. Gen. Microbiol., 30:1.
4. Schuber J. H., Edwards P. R. and Ramsere C. H., 1959, J. Bacteriol., 77:648.
5. Downes F. P. and Ito K., (Eds.), 2001, Compendium of Methods for the Microbiological Examination of Foods, 4th Ed., APHA, Washington, DC.
6. U.S. Food and Drug Administration, 1995, Bacteriological Analytical Manual, 8th Ed., AOAC International, Gaithersburg, Md.
7. Atlas R. M., 1993, Handbook of Microbiology of Microbiological Media, CRC Press, Boca Raton, Fla.
8. Snavey J. G. and Brahier J., 1960, Am. J. Clin. Pathol., 33:511.
9. Murray P. R., Baron J. H., Jorgensen J. H., Pfaller M. A., Tenover F. C., Tenover J. C., (Eds.), 8th Ed., 2003, Manual of Clinical Microbiology, ASM, Washington, D.C.

Broj rešenja o registraciji: 000422843 2024 59010 009 000 515 059 04 002

INSTRUCTION FOR USE

(EN)

Sheep Blood Agar Plate

Medium is used for isolation and cultivation of fastidious pathogenic microorganisms like Neisseria, Streptococci etc.

Package contents:

Item code (packaging) REF	Description	Primary packaging code:	Number of products
PRM073V20	Substrate poured into petri dishes of ø90	PRM073	20
PRM073V60			60
PRM073V240			240
PRM073M40	Substrate poured into petri dishes of ø50		40

Directions

Surface spread the test inoculum aseptically on the plate. After incubation, observe growth and color of colonies.

Principle and interpretation

Sheep Blood Agar is a highly nutritious medium used for isolation and cultivation of fastidious microorganisms. Sheep Blood Agar is recommended by APHA (5) and Standard Methods (6, 7) for testing of food samples. Beef extract and tryptose provides carbon, nitrogen, amino acids and vitamins. Sodium chloride helps in maintaining the osmotic equilibrium of the medium. Presence of blood makes the medium more nutritious by providing additional growth factors required by fastidious organisms. It also helps in visualizing the haemolytic reactions. However, haemolytic reactions depend on the animal blood used. Sheep blood gives best results for Group A Streptococci (8), but sheep blood fails to support growth of Haemophilus haemolyticus since sheep blood is deficient in pyridine nucleotides..

Quality control

The data and results of quality control are given in the certificate of analysis for each lot.

Storage and shelf life

Storage between 2-8°C. Use before expiry date on the label.

Warning and precautions

In vitro diagnostic use only. Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Symbols used on labels

CE	European Conformity mark	↑↑	This side up
IVD	is an in vitro diagnostic medical device (IVD)	REF	Catalogue number
	Do not expose directly to sunlight	LOT	Batch code
	Consult instructions for use		Use-by date
	Do not re-use		Temperature limit
	Pack size		Manufacturer
EC REP	European Authorized Representative (Authorised Representative)		

EC REP	Salus Cons kft. 6722 Szeged, Bécsi krt 23, HUNGARY e-mail: office@saluscons.com
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Reference

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