

UPUTSTVO ZA UPOTREBU

(SRB)

Chocolate Agar Plate

Podloga za izolaciju *Neisseria gonorrhoeae* iz uzoraka vezanih za hronične i akutne gonokokne infekcije.

Sadržaj pakovanja:

Šifra artikla (pakovanja)	Opis	Šifra primarnog pakovanja:	Broj podloga
PRM103V20	Podloga izlivena u petri posudama od ø90	PRM103	20
PRM103V60			60
PRM103V240			240
PRM103M40	Podloga izlivena u petri posudama od ø50		40

Uputstva

Pod aseptičnim uslovima inokulisati ploču metodom površinskog zasejavanja i inkubirati pod određenim uslovima.

Princip i interpretacija

Gonokoki su zahtevni organizmi sa tačnim nutritivnim i ekološkim zahtevima (5). Podloga za kultivaciju gonokoka bi trebalo u idealnom slučaju da bude bogata hranljivim materijama u svojoj osnovi sa krvlju kao dodatkom, delimično ili potpuno liziranom. Dijagnoza i kontrola gonoreje su u velikoj meri unapređeni poboljšanim laboratorijskim metodama za otkrivanje, izolovanje i proučavanje *N. gonorrhoeae*. Chocolate Agar se koristi za izolaciju i gajenje zahtevnih mikroorganizama, posebno *Neisseria* i *Haemophilus* vrsta iz različitih kliničkih uzoraka (1, 2). Enzimski hidrolizat kazeina i ekstrakt mesa obezbeđuju izvore azota koji su potrebni za rast zahtevnih organizama. Kukuruzni skrob neutrališe toksične masne kiseline koje mogu biti oslobođene tokom rasta bakterija. Vitaminski dodatak obezbeđuje neophodne faktore rasta, vitamine, aminokiseline i koenzime (2). Dikalijum fosfat i monokalijum fosfat pomažu u održavanju pH podloge, dok natrijum hlorid održava osmotsku ravnotežu čime se održava integritet ćelija. Dodati suplementi podlozi obezbeđuju potrebne faktore koji su potrebni zahtevnim organizama: faktor X (od hemoglobina) i faktor V (NAD) (3, 4).

Kontrola kvaliteta

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

Skladištenje i rok upotrebe

Čuvati između 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.

Upotrebljeni 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
🏭	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. Carpenter C. M., Bucca M. A., Buck T. C., Casman E. P., Vhrstensen C. W., Crowe E., Drew R., Hill J., Lankford L. E., Morton H. E., Peizer L. R., Shaw C. J., and Thayer J. D., 1949, Am. J. Syphil. Gonorrh. Veneral Diseases, 33:164.
2. Muench. Wochschr., 80:846:1933.
3. McLeod J. W., Coates J. C., Happold F. C., Priestely D. P., Wheatley B., 1934, J. Path. Bacteriol., 39:221.
4. J. Infectious Diseases, 61:129:1937.
5. Am. J. Syphilis, 20:347:1936.
6. Am. J. Syphilis, 22:55:1938.
7. Seventh Annual Year book (1936-37) P.133, suppl., Am. J. Pub. Health. 27: no.3 : 1937.
8. Bull. Genitoinfectious diseases, Mass. State Health Dept., 2:1:1938.

Broj rešenja o registraciji: 515-02-02534-22-003

INSTRUCTION FOR USE

(EN)

Chocolate Agar Plate

Medium is recommended for the isolation of *Neisseria gonorrhoeae* from chronic and acute cases of gonococcal infection.

Package contents:

Item code (packaging) REF	Description	Primary packaging code:	Number of products
PRM103V20	Substrate poured into petri dishes of ø90	PRM103	20
PRM103V60			60
PRM103V240			240
PRM103M40	Substrate poured into petri dishes of ø50		40

Directions

Surface spread the test inoculum aseptically on the plate and incubate under optimal conditions.

Principle and interpretation

Gonococci are fastidious organisms with exacting nutritional and environmental requirements (5). The cultivation medium for gonococci should ideally be a rich nutrient base with blood, either partially lysed or completely lysed. The diagnosis and control of gonorrhoea have been greatly facilitated by improved laboratory methods for detecting, isolating and studying *N. gonorrhoeae*.

Chocolate Agar is used for isolation and cultivation of fastidious microorganisms especially *Neisseria* and *Haemophilus* species from a variety of clinical specimens (1, 2). Casein enzymic hydrolysate and meat extract provides nitrogenous sources for growth of fastidious organisms. Corn starch neutralizes toxic fatty acids that may be released during growth. The Vitamin Supplement has necessary growth factors, vitamins, amino acids and coenzymes (2). Dipotassium phosphate and monopotassium phosphate helps to maintain pH of medium whereas sodium chloride maintains osmotic equilibrium thereby maintaining integrity of cells.

The added supplements provides necessary X factor (from haemoglobin) and V factor (NAD) required by the fastidious organisms (3, 4).

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.

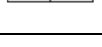
Warning and precautions

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

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

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Reference

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