

UPUTSTVO ZA UPOTREBU (SRB)

Schaedler Agar Plate w/ Sheep Blood

Podloga za enumeraciju različitih aerobnih i anaerobnih bakterijskih vrsta prisutnih u gastrointestinalnom traktu.

Sadržaj pakovanja:

Šifra artikla (pakovanja) REF	Opis	Šifra primarnog pakovanja:	Broj podloga
PRM291BV20	Podloga izlivena u petri posudama od ø90	PRM291B	20
PRM291BV60			60
PRM291BV240			240
PRM291BM40	Podloga izlivena u petri posudama od ø50		40

Uputstva

Pod aseptičnim uslovima inokulisati ploču metodom površinskog zasejavanja.

Princip i interpretacija

Schaedler Agar je prvobitno formulisao Schaedler et al. (1) i dalje modifikovao Mata et al. (2) sa promenama u formulaciji (3) za kultivaciju i enumeraciju aerobnih i anaerobnih mikroorganizama.

Schaedler Agar dopunjen sa vitaminom K1 i 5% ovčije krvi koristi se za oporavak zahtevnih anaerobnih bakterija kao što su one roda *Bacteroides*. Uključivanje kolistina i nalidiksinske kiseline u formulaciju (Schaedler CNA Agar) zajedno sa 5% ovčije krvi podloga se koristi za selektivnu izolaciju anaerobnih Gram-pozitivnih koka (4), *Peptococcus* i *Peptostreptococcus* vrsta.

Schaedler Agar služi ka izvrsna bazalna podloga i sa dodatkom krvi i sredstvom za obogaćivanje poboljšava se oporavak veoma zahtevnim anaerobnih organizama.

Kombinacija enzinskog hidrolizata kazeina, proteoznog peptona i papainskog hidrolizata soje, ekstrakta kvasca i L-cistina obezbeđuju azotne faktore rasta, vitamine i druge esencijalne hranljive materije. Dekstroza služi kao izvor energije. Hemin i ovčija krv stimulišu rast zahtevnih organizama i stimulišu rast drugih *Bacteroides* vrsta i Gram-pozitivnih spirogenih bakterija (5). Vitamin K1 omogućava kultivaciju *Bacteroides melaninogenicus* (9) i stimuliše rast drugih *Bacteroides* vrste i Gram-pozitivnih spirogenih bakterija (5).

Kontrola kvaliteta

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

Skladištenje i rok upotrebe

Čuvati između 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
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

- Schaedler R.W., Dubos R. and Castello R., 1965, J. Exp. Med., 122:59.
- Mata L.J., Carrillo C. and Villatoro E., 1969, Appl. Microbiol., 17:596.
- MacFaddin J., 1985, Media for Isolation-Cultivation-Identification-Maintenance of Medical Bacteria, Vol.I, Williams and Wilkins, Baltimore.
- Finegold et al, 1974, Manual of Clinical Microbiology, 2nd ed., Lennette and others (Eds.), ASM, Washington, D.C.
- Gibbons R. J. and MacDonald J. B., 1960, J. Bacteriol., 80:164.

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

INSTRUCTION FOR USE

(EN)

Schaedler Agar Plate w/ Sheep Blood

Medium is used for the enumeration of various aerobic and anaerobic bacterial species present in the gastrointestinal tract.

Package contents:

Item code (packaging) REF	Description	Primary packaging code:	Number of products
PRM291BV20	Substrate poured into petri dishes of ø90	PRM291B	20
PRM291B V60			60
PRM291B V240			240
PRM291B M40	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

Schaedler Agar was originally formulated by Schaedler et al (1) and further modified by Mata et al (2) with formulation changes (3) for cultivation and enumeration of aerobic and anaerobic microorganisms.

Schaedler Agar supplemented with Vitamin K1 and 5% sheep blood is used for the recovery of fastidious anaerobic bacteria such as Bacteroides. Inclusion of Colistin and Nalidixic acid in the formulation (Schaedler CNA Agar) along with 5% sheep blood is used for the selective isolation of the anaerobic Gram-positive cocci (4), Peptococcus and Peptostreptococcus species.

Schaedler Agar serve as an excellent basal media to which blood or other enrichments can be added to enhance the recovery of fastidious anaerobic organisms.

The combination of casein enzymic hydrolysate, proteose peptone and papaic digest of soyabean meal, yeast extract and L-cystine provide nitrogenous growth factors, vitamins and other essential growth nutrients. Dextrose serves as energy source. Hemin and sheep blood stimulates the growth of fastidious microorganisms and stimulates growth of other Bacteroides species and Gram-positive spore formers (5). Vitamin K1 enables the cultivation of Bacteroides melaninogenicus (5) and stimulates growth of other Bacteroides species and Gram-positive spore formers (5).

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
Σ	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

- Schaedler R.W., Dubos R. and Castello R., 1965, J. Exp. Med., 122:59.
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