

Limitations :

1. Further biochemical and serological tests must be carried out for further identification.

Performance and Evaluation

2GTHQTOCPEG QH VJG OGFKWO KU GZRGEVGF YJG PG ZVUKGTH B G TRKQTF VJG FKT YJGP UVQGTGF CV TGEQOOGPF GF VGORGTCVWTG

Quality Control

Appearance

Cream to yellow homogeneous free flowing powder

Gelling

Firm, comparable with 1.4% Agar gel.

Colour and Clarity of prepared medium

Basal medium: Yellow coloured clear to slightly opalescent gel. After addition of 5%w/v sterile defibrinated blood : Cherry red coloured After addition of 5%w/v sterile defibrinated blood: opaque gel forms in Petri plates.

Reaction

Reaction of 4.36% w/v aqueous solution at 25°C. pH : 7.3±0.2

pH

7.10-7.50

Cultural Response

Cultural characteristics observed with added water-lysed blood, after an incubation at 35-37°C for 40-48 hours.

Organism	Inoculum (CFU)	Growth	Recovery	Haemolysis
<i>Haemophilus influenzae</i> ATCC 35056	50-100	good	50-70%	none
<i>Neisseria meningitidis</i> ATCC 13090	50-100	luxuriant	>=70%	none
<i>Streptococcus mitis</i> ATCC 9811	50-100	luxuriant	>=70%	beta
<i>Streptococcus pneumoniae</i> ATCC 6303	50-100	luxuriant	>=70%	alpha
<i>Streptococcus pyogenes</i> ATCC 19615	50-100	luxuriant	>=70%	beta

6WRUDJH DQG 6KHOI /LIH

5VQDTG ZHHQ f & P V K I J E N Q E G P V C R F G S T G R O G G K W O f & 7 U G G H Q Z B K C Q P V J N C D P Q R G P K P Q F W E V D R F T Q R G T N T G E H W B T J E N R R K J D Q V W N G F G G T G X N P V R H Q T O F W M Q B G J [I T Q P U E V Q P K E G R T Q G R M E Q P Q T O N G G R T O G F M G E V W O R T O C V K Q P 5VQKTS [X G P C K B C Q G B E V E Z F V T Q G G U O R G T C P V W W Q B G B K V B S O N E S Q P V K P G V N [C H W J U G D G H Q T G G Z R K T [F C V G Q P V J G N C D G N 2TQFWEV RGTHQTOCPEG KU DGUV KH WUGF YKVJKP UVCVGF GZRKT[RGTKO

Reference

1. Casman, 1947, Am. J. Clin. Pathol., 17:281.
2. Casman, 1942, J. Bact., 43:33.
3. Casman, 1947, J. Bact., 53:561.
4. Krunveide and Kuttner, 1938, J. Exp. Med., 67:429.

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