



Hy Laboratories Ltd.
6 Menachem Plaut St., Park Tamar, Rehovot 7670606, Israel
Tel. +972.8.9366475 Fax. +972.8.9366474
hylabs@hylabs.co.il | www.hylabs.co.il

PD 011 BRUCELLA AGAR + 5% DEFIBRINATED SHEEP BLOOD

PD170 CDC AGAR + Blood + Hemin + Vitamin K

For in Vitro Diagnostic only

Intended Use

The agents of brucellosis, Brucella species are normal flora of the genital and urinary tracts of many animals including goats, pigs, cows and dogs. Most humans acquire the disease through ingestion of contaminating milk or through occupational exposure; the disease is particularly common among abattoir worker.

The media are recommended for isolation and cultivation of Brucella or general anaerobic bacteria from clinical and non-clinical specimens.

Composition in gm. per Liter Purified Water

Pancreatic Digest of Casein	10.0 g
Peptic Digest of Animal Tissue	10.0 g
Yeast Extract	2.0 g
Dextrose	1.0 g
Sodium Chloride	5.0 g
Sodium Bisulfite	0.1 g
Agar	15.0 g
*Hemin	5.0 mg
*Vitamin K1	10.0 mg
Defibrinated Sheep Blood	50.0 mL
*Only PD170	
Final pH (at 25°C)	7.0±0.2

Storage

2 to 8° C - at dark

Shelf Life

Printed on label and on plate

Specimens

Blood, abscesses, soft tissue infections, female genital tract



Hy Laboratories Ltd.
6 Menachem Plaut St., Park Tamar, Rehovot 7670606, Israel
Tel. +972.8.9366475 Fax. +972.8.9366474
hylabs@hylabs.co.il | www.hylabs.co.il

Procedures

The specimen should be inoculated onto the plate (reduced earlier by placing under anaerobic conditions for 18- 24 hrs) as early as possible. Swab cultures are directly streaked. Non-swab cultures are inoculated using an inoculating loop. Incubation is carried out anaerobically at 35 - 37°C for at least 48 hours; however, negative results should be reported only after incubation for 7 days.

Cultural Response (Quality Control) after 48 hrs at Anaerobic Conditions

Organism	Growth
<i>Bacteroides fragilis</i> ATCC 25285	good-luxuriant
<i>Clostridium perfringens</i> ATCC 13124	good-luxuriant

Precautions and Limitations.

Do not use plates if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

Avoid freezing and overheating

The plates may be inoculated up to the expiration date (see package label) and incubated for the recommended incubation times.