

**Product: Blood Agar Base****Catalog Number:** i23020**Date of Release:****Lot Number:****Expiration Date:**

**Intended Use:** For preparing blood plates and boiled blood (chocolate) plates used for the isolation and cultivation of various fastidious microorganisms, especially of pathogenic species, and for establishing their forms of haemolysis.

**Dehydrated Appearance:** Free flowing, homogeneous, beige.

**Solution:** 4.0% solution, soluble in purified water upon boiling. Solution is medium, yellow to tan, clear to slightly hazy.

**Prepared Appearance:** Plain – Medium, yellow to tan, clear to slightly hazy. With 5% sheep blood – Cherry red, opaque.

**pH of 4.0% solution at 25 °C:**  $6.8 \pm 0.2$

**Cultural Response:** Prepare the medium per label directions without (plain) and with 5% defibrinated sheep blood (SB). Inoculate and incubate at  $35 \pm 2^\circ\text{C}$  for 18-24 hours (incubate streptococci with 3-5% CO<sub>2</sub>).

Organism	ATCC	Inoculum CFU	Recovery Plain	Recovery with SB	Hemolysis
<i>E. coli</i>	25922	30-300	Good	Good	Beta
<i>Staphylococcus aureus</i>	25923	30-300	Good	Good	Beta
<i>Streptococcus pneumoniae</i>	6305	30-300	Good	Good	Alpha
<i>Candida albicans</i>	10231	30-300	N/A**	Good	No hemolysis
<i>Pseudomonas aeruginosa</i>	27853	30-300	Good	Good	N/A

\*ATCC is a registered trade mark of the American Type Culture Collection.

\*\* Not available.

QC Department

شرکت زیست کاوش ایرانیان

کرج، ۴۵ متری گلشهر، کوکب شرقی، ساختمان ایبرسکو. تلفن: ۰۲۶-۳۳۵۱۶۴۶۷، فکس: ۰۲۶۳۳۵۲۳۴۶۰

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