

Product: Pseudomonas Selective Agar Base, CN Agar, CFC Agar

Catalog Number: i23151

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Straw colored, free flowing powder.

Solution: 4.84% solution, soluble in purified water upon boiling.

Prepared Appearance: Straw colored gel.

pH of 4.84% solution at 25 °C: 7.1 ± 0.2

Cultural Response: Prepare the medium per label directions. Suspend 24.2 g in 500 ml of purified water, add 5 ml glycerol and heat to boiling until dissolved completely. Autoclave for 15 min. at 121°C. Cool the medium to 45- 50°C and aseptically add the contents of one vial of Pseudomonas CFC Selective Supplement or Pseudomonas CN Selective Supplement . Mix thoroughly and pour plates. Inoculate the medium using the surface spread method.

Pseudomonas CFC Selective Agar: Inoculate the medium using the surface spread method.

Incubation: 44 ± 4 hours at 25 ± 1°C.

Pseudomonas CN Selective Agar: Inoculate the medium using the membrane filtration technique.

The filter material impacts results. Incubation: 44 ± 4 hours at 36 ± 2°C.

Organism	ATCC	Recovery
		Pseudomonas CFC Selective Agar 44 h ± 4 h at 25 ± 1°C
<i>Pseudomonas aeruginosa</i>	27853	Good growth, straw colored colonies with green pigmentation
<i>Pseudomonas putida</i>	12633	Good growth, straw colored colonies with green pigmentation
<i>Proteus mirabilis</i>	14153	Inhibited
<i>Staphylococcus aureus</i>	25923	Inhibition
		Recovery
		Pseudomonas CN Selective Agar 44 h ± 4 h at 36 ± 2°C
<i>Pseudomonas aeruginosa</i>	27853	Good growth, straw colored colonies with green pigmentation
<i>Pseudomonas fluorescens</i>	13525	Inhibited
<i>Burkholderia cepacia</i>	25416	Good growth, straw colored colonies with brown pigmentation
<i>Klebsiella pneumonia</i>	13883	Inhibited

QC Department

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