

## RPF SUPPLEMENT ISO–FDIS 6888-2

**CAT N°:6024**

Selective supplement for identification and enumeration  
of *Staphylococcus aureus*

### FORMULA PER VIAL (Each vial for 100 ml of medium)

Rabbit Plasma	2.5 ml
Bovine Fibrinogen	380 mg
Trypsin Inhibitor	2.5 mg
Potassium Tellurite	2.5 mg

### PREPARATION

Aseptically reconstitute 1 vial with 10 ml of sterile distilled water. Mix gently until complete dissolution and leave it for 10 minutes. Aseptically add to 90 ml of BAIRD PARKER AGAR BASE (RPF) (Cat. 1319), autoclaved and cooled to 45 - 50°C. Mix well and distribute into sterile containers.

PRODUCT	CAT.	PACK SIZE
RPF SUPPLEMENT	6024	10 Vials. Each vial for 100 ml of medium
BAIRD PARKER AGAR BASE (RPF)	1319	500 g

### MICROBIOLOGICAL TEST

The following results were obtained in the performance of the medium from type cultures after incubation at a temperature of 35 ± 2°C and observed after 18-24 hours

Microorganisms	Growth	Colony color	Coagulase. Transparence around the colonies
<i>Escherichia coli</i> ATCC 25922	Inhibited	-	-
<i>Proteus mirabilis</i> ATCC 25933	Good	Brown	-
<i>Staphylococcus aureus</i> ATCC 25923	Good	Black	+
<i>Staphylococcus epidermidis</i> ATCC 12228	Good	Black	-
<i>Staphylococcus aureus</i> ATCC 6538	Good	Black	+

According ISO 11133 24-48 h/37°C (Productivity, Specificity) and Selectivity (48h37°C )

Microorganismos	Inoculo (cfu/ml)	Productivity Quantitative	Selectivity Qualitative	Specificity Qualitative
<i>Staphylococcus aureus</i> ATCC 25923	10 <sup>2</sup>	pr ≥ 0.9		
<i>Staphylococcus aureus</i> ATCC 6538	10 <sup>2</sup>	pr ≥ 0.7		
<i>Escherichia coli</i> ATCC 25922	10 <sup>4</sup> / 10 <sup>6</sup>		Inhibited	
<i>Staphylococcus epidermidis</i> ATCC 12228	10 <sup>2</sup>			White-Greyish

Reference media Productivity: TSA

### BIBLIOGRAPHY

ISO/FDIS 6888-2 1998 (E) Microbiology of food and animal feeding stuffs, Horizontal method for enumeration of coagulase positive staphylococci (*S.aureus* and other species) Part 2: Technique using rabbit plasma fibrinogen agar medium.

### STORAGE

When stored as indicated, supplements remain stable until the stated expiry date shown on the label.

