

PRODUCT CODE: 416272

RPF Selective Enrichment (ISO-FDIS 6888-2) (Supplement) for microbiology

Specification

Sterile supplement for Baird Parker RPF formulation formulated according to ISO.

Presentation

| 10 Freeze dried vials | Packaging Details | Shelf life | Storage |
|---|--|-------------------|----------------|
| 10 Freeze dried vials with: 9 ± 0,1 ml. | 23,25 X 60 mm glass vials, tag labelled, White plastic cap - 10 vials per box. | 24 months | 2-8°C |

Description and Technique

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Collect, dilute and prepare samples and volumes as required according to specifications, directives, official standard regulations and/or expected results.

Reconstitute the vial with 10 ml of sterile water, pre-warmed to aprox. 45-50°C and add to 90 ml of melted Baird Parker RPF Base Medium cooled to room temperature.

Once solidified on a flat surface, spread the plates by streaking methodology or by spiral method. Incubate the plates upside down aerobically at 37+/-1°C for 24-48h. (Incubation times longer than those mentioned above or different incubation temperatures may be required depending on the sample, or the specifications)

After incubation, enumerate all the colonies that have appeared onto the surface of the agar. *S.aureus* form brilliant black colonies (tellurite reduction) always surrounded by a halo of fibrin.

Presumptive isolation of *S.aureus* must be confirmed by further microbiological and biochemical tests.

Quality control

| Physical/Chemical control | Microbiological control | Sterility control |
|----------------------------------|---|---|
| Color: Pink. | Add supplement to functionality - onto medium Baird Parker base Inoculate: Practical range 100 ± 20 CFU; Min. 50 CFU (Productivity)/ 10 ⁴ -10 ⁶ (Selectivity). Aerobiosis. Incubation at 37 °C±1, reading after 24-48±2h. | Previous reconstitution with 10 ml of sterile water |

| Microorganism | Growth |
|--|---|
| <i>Escherichia coli</i> ATCC® 8739, WDCM 00012 | Inhibited |
| <i>Stph. aureus</i> ATCC® 25923, WDCM 00034 | Good ≥ 50%. Black/grey colonies with opacity halo |
| <i>Stph. saprophyticus</i> ATCC® 15305, WDCM 00159 | Black/grey colonies without opacity halo |
| <i>Stph. epidermidis</i> ATCC® 12228, WDCM 00036 | Black/grey colonies without opacity halo |

Microbiological control accor. to ISO 11133:2014