INTENDED USE
Leptospira Enrichment is for use in the enrichment of media for the cultivation of Leptospira species.

SUMMARY AND EXPLANATION
Media such as Fletcher Medium Base and Stuart Broth Base are used with rabbit serum enrichment for the detection of leptospires in blood, spinal fluid, urine, waters and other minerals. They are useful therefore, in diagnostic and epidemiological studies of leptospirosis in humans and animals. Leptospira Enrichment provides the necessary enrichment for these media.

PRINCIPLES OF THE PROCEDURE
Leptospira Enrichment provides long-chain fatty acids as the carbon and energy sources for the growth of Leptospira, as well as required vitamins thiamine (B1) and cyanocobalamin (B12). Leptospires metabolize fatty acids by beta oxidation and the metabolic end products are acetate and carbon dioxide.

PRODUCT DESCRIPTION
Leptospira Enrichment is lyophilized, pooled rabbit serum containing natural hemoglobin.

PRECAUTIONS
For Laboratory Use
This Product Contains Dry Natural Rubber.
Observe aseptic techniques in the restoration and addition of this medium enrichment.
STORAGE AND RESTORATION
On receipt, store at -20 to +8°C. Restore each vial with 10 mL of sterile purified water; agitate gently until solution is complete. After restoration, use immediately, or store at 2 to 8°C and use within 2 weeks.
Expiration date applies to product in intact container, stored as directed. Do not open until ready to use.

INSTRUCTIONS
Aseptically add the restored enrichment to sterile base medium to provide a final concentration of 8 to 20% serum (enrichment), or as directed.

REFERENCES

TECHNICAL INFORMATION
In the United States, telephone Technical Services, toll free (800) 638-8663.
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