



HUMAN LIPOPROTEIN DEFICIENT SERUM (LPDS)

CATALOG NUMBER:	LP4
LOT NUMBER:	
QUANTITY:	100 mg
PROTEIN CONCENTRATION:	35 mg/mL
SOURCE:	Fresh human plasma. Tested negative for HBsAg and antibodies to HIV-I, HIV-II and Hepatitis C.
BACKGROUND:	LPDS is isolated from fresh human serum by isopycnic ultracentrifugation at the lower and upper density limits of the specified density range (1). Density adjustments are performed with solid KBr.
QUALITY ASSURANCE:	Protein determined by the Pierce BCA method with BSA as the standard. Purity of each preparation is verified by agarose gel electrophoresis using Fat Red 7B staining for lipid (2,3).
FORMAT:	Dulbecco's PBS, pH 7.0, without Ca 2+. Filtered through a 0.22 micron filter. Not guaranteed sterile.
STORAGE/HANDLING:	LPDS may be stored frozen at -20°C to -70°C and is quite stable. Cell culture medium containing 3-5 mg/mL of LPDS is approximately equivalent to medium containing 10% human serum or Fetal Bovine Serum.
REFERENCES:	<ol style="list-style-type: none">1. Havel, R. J., Eder, H. A., and Bradgon, J. H. <i>J. Clin. Invest.</i> 34:1345 (1955).2. Hatch, F. T., and Lees, R. S. <i>Advances in Lipid Research</i>. R. Paoletti and K. Kritcheusky (eds.) Academic Press, New York, pp. 47 (1968).3. Noble, R. P. <i>J. Lipid Res.</i>, 9:693 (1968).

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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