

Product Datasheet

Human MultiPoint Ox LDL Kit

Catalog Number	Size
790202 - 7	1 mg
790202 - 4	5 mg

Contents

790202-7

1 x 1 mg Human Control LDL (1mg/mL)
1 x 1 mg Human Low Oxidized LDL (1mg/mL)
1 x 1 mg Human Oxidized LDL (1mg/mL)
1 x 1 mg Human High Oxidized LDL (1mg/mL)
1 x 25 mL Phosphate Buffered Saline + EDTA

790202-4

5 x 1 mg Human Control LDL (1mg/mL)
5 x 1 mg Human Low Oxidized LDL (1mg/mL)
5 x 1 mg Human Oxidized LDL (1mg/mL)
5 x 1 mg Human High Oxidized LDL (1mg/mL)
1 x 50 mL Phosphate Buffered Saline + EDTA

Source Human plasma, that has tested negative for HBsAG, HIV 1/2, HIV-NAT, HCV, HCV-NAT, and Syphilis.

Storage 2 – 8 ° C

Intended Use

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Certified Nonpyrogenic

This product has been tested for endotoxin and the level is less than 0.5 Endotoxin Units per milligram of protein as determined by the Limulus Amebocyte Lysate Assay.

Contact Information

For information on obtaining a license to use any Kalen Biomedical product for Commercial Purposes, contact Ms. Kathy Foxx at 301.355.6155 or info@kalenbiomed.com.

Human Control Low Density Lipoprotein

Catalog Size

770272 - 7

1 mg

770272 - 4

5 x 1 mg

Description

Human LDL (d=1.019 – 1.063 g/mL) is isolated from human plasma by ultracentrifugation. The purified LDL is ultrafiltered through a membrane and packaged aseptically under nitrogen. The product is provided in a solution with 154 mM NaCl, 5.6 mM Na₂HPO₄, 1.1 mM KH₂PO₄, and 0.34 mM EDTA, at pH 7.4.

Appearance

Yellow liquid, clear to slightly turbid.

Identity

Co-migrates with reference on agarose gel electrophoresis.

Purity

No significant detection of other lipoproteins by agarose gel electrophoresis.

Protein Concentration

Minimum 1.0 mg/mL

Human Low Oxidized Low Density Lipoprotein

Catalog Size

770292 - 7

1 mg

770292 - 4

5 x 1 mg

Description

Purified human LDL (d=1.019 – 1.063 g/mL) is mildly oxidized with copper (II) sulfate to provide a Low Oxidized LDL. It is dialyzed and ultrafiltered through a membrane and packaged aseptically under nitrogen. The product is provided in a solution with 154 mM NaCl, 5.6 mM Na₂HPO₄, 1.1 mM KH₂PO₄, and 0.34 mM EDTA, at pH 7.4.

Appearance

Yellow liquid, clear to slightly turbid.

Identity

Co-migrates with reference on agarose gel electrophoresis.

Purity

No significant detection of other lipoproteins by agarose gel electrophoresis.

Protein Concentration

Minimum 1.0 mg/mL

Product Datasheet

Human Medium Oxidized Low Density Lipoprotein

Catalog Size

770202 - 7 1 mg

770202 - 4 5 x 1 mg

Description Purified human LDL (d=1.019 – 1.063 g/mL) is oxidized with copper (II) sulfate and dialyzed. It is ultrafiltered through a membrane and packaged aseptically under nitrogen. The product is provided in a solution with 154 mM NaCl, 5.6 mM Na₂HPO₄, 1.1 mM KH₂PO₄, and 0.34 mM EDTA, at pH 7.4.

Appearance Yellow liquid, clear to slightly turbid.

Identity Co-migrates with reference on agarose gel electrophoresis.

Purity No significant detection of other lipoproteins by agarose gel electrophoresis.

Protein Concentration Minimum 1.0 mg/mL

Human High Oxidized Low Density Lipoprotein

Catalog Size

770252 - 7 1 mg

770252 - 4 5 x 1 mg

Description Purified human LDL (d=1.019 – 1.063 g/mL) is extensively oxidized with copper (II) sulfate and dialyzed. It is ultrafiltered through a membrane and packaged aseptically under nitrogen. The product is provided in a solution with 154 mM NaCl, 5.6 mM Na₂HPO₄, 1.1 mM KH₂PO₄, and 0.34 mM EDTA, at pH 7.4.

Appearance Yellow liquid, clear to slightly turbid.

Identity Co-migrates with reference on agarose gel electrophoresis.

Purity No significant detection of other lipoproteins by agarose gel electrophoresis.

Protein Concentration Minimum 1.0 mg/mL