

## Lipoproteins

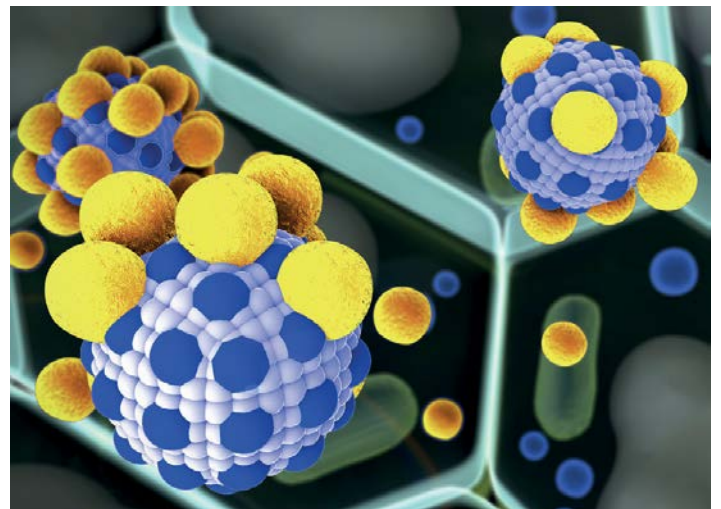
Alfa Aesar, now part of Thermo Fisher Scientific, specializes in the production of high quality lipoprotein reagents for cardiovascular disease research. Offering native human lipoproteins and also oxidized, acetylated or carbamylated low density lipoproteins. Fluorescently labelled lipoproteins are also available. These label cultured cells are for identification, isolation or quantification of receptor site activity. All of our lipoproteins are membrane filtered and endotoxin tested.

### Key features

- Over 23 modifications available
- Our products are membrane filtered to be endotoxin free
- Lead time averages less than 2 weeks
- Custom manufacturing
- All produced in-house
- First company to manufacture; OxLDL, DiIAcLDL & DiOLDL
- Excellent technical support

### Applications

- Identify and isolate the vascular endothelial cells/macrophages from mixed cell populations.
- Modified/fluorescent tagged lipoproteins are being used for selective cell staining.
- Receptor identification and cellular labelling.
- Oxidized LDL – marker in atherosclerosis research, marker for oxidative stress.
- Carbamylated LDL has been postulated to have biologic effects relevant to atherosclerosis.
- DiI/DiO conjugated lipoproteins are used for fluorescent staining of different cell types and fluorescent activated cell sorting.



Preparative ultracentrifuges are used in biology for gradient separations, where the molecules in a sample are separated using a substance of graduated density, such as salt gradients for proteins. The process is often gradual and involves many sequential steps to obtain the desired gradient.

Order our products online [www.alfa.com](http://www.alfa.com)

# Lipoproteins

Stock No.	Description	Size
J64506	Apolipoprotein A-I, human plasma, 95%, BT-927	1mg
J64658	Apolipoprotein A-II, human plasma, 95%, BT-928	1mg
J66463	Apolipoprotein B, human plasma	0.5mg
J65503	Dil-Lipoprotein, high density, human plasma, BT-915	200microg, 1mg
J65597	Dil-Lipoprotein, low density, acetylated, human plasma, BT-902	200microg
J65330	Dil-Lipoprotein, low density, human plasma, BT-904	200microg
J64164	Dil-Lipoprotein, low density, oxidized, human plasma, BT-920	200microg
J65568	Dil-Lipoprotein, very low density, human plasma, BT-922	1 each
J64029	DiO-Lipoprotein, low density, acetylated, human plasma, BT-925	200microg
J64267	DiO-Lipoprotein, low density, human plasma, BT-916	1 each
J64903	Lipoprotein, high density, human plasma, 99%, BT-914	10mg
J65029	Lipoprotein, low density, acetylated, human plasma, 99%, BT-906	2mg
J64426	Lipoprotein, low density, carbamylated, human plasma, 99%, BT-924	1each
J65039	Lipoprotein, low density, human plasma, 99%, BT-903	5mg
J65591	Lipoprotein, low density, oxidized, human plasma, 99%, BT-910	2mg
J65261	Lipoprotein, low density, oxidized, human plasma, Hi-TBAR, 99%, BT-910X	2mg
J64223	Lipoprotein, low density, oxidized, human plasma, Low-TBAR, 99%, BT-910L	1 each
J65642	Lipoprotein, very low density, human plasma, 99%, BT-909	1mg
J65182	Lipoprotein Deficient Serum, bovine, BT-907	1 each
J65516	Lipoprotein Deficient Serum, human, BT-931	1 each

Custom sizes are available on request.

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