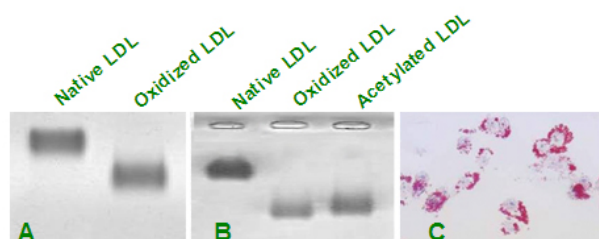


## ACETYLATED LDL

|                      |  |
|----------------------|--|
| 产品名称:                | Acetylated LDL   |
| 货号:                  | 10456  |
| 货号:                  | 2.0 mg   |
| 描述:                  | Human Acetylated Low Density Lipoprotein   |
| 纯化:                  | 98% (Co-migrates with reference on agarose gel electrophoresis)  |
| Concentration:       | Minimum 1.2 mg/ml 蛋白   |
| 背景:                  | LDL is a large protein (MW 3,500 kDa) with a diameter of 25.8 nm. It is composed of approximately 20-25% protein and 75-80% lipid. The lipid portion can be further described as 9% free cholesterol, 42% cholesteryl ester, 20-24% phospholipid, and 5% triglyceride.   |
| Source:              | Human LDL(货号: 10453), which was purified to homogeneity via ultra-centrifugation (1.019-1.063g/cc), is acetylated with acetic anhydride and dialyzed. It is ultrafiltered through a membrane and packaged aseptically under nitrogen. Each lot is analyzed on agarose gel electrophoresis for migration versus LDL. The acetylated LDL migrates 1.8 folds further than the native LDL. |
| Tested Applications: | The acetylated LDL are evaluated for receptor binding to peritoneal macrophages in conjunction with the Dil-Ac-LDL.  |
| 储存和运输:               | Acetylated LDL is stable for 6 weeks after receipt when handled aseptically and stored at 2-8°C ( <b>Don't Freeze</b> ). Note: After prolonged storage, some precipitate may be observed. This is normal for the product. Spin in centrifugation at 1000×g for 3 minutes before using.   |
| Packaging:           | Acetylated LDL is membrane filtered and aseptically packaged under nitrogen in a solution containing phosphate-buffered saline at pH 7.4 and 0.2 mM EDTA-Na2. The product requires 1-2 weeks lead time. Please plan your experiments in advance and use the fresh material.  |



Native-LDL(n-LDL), Oxidized-LDL (ox-LDL) and Acetylated-LDL(Ac-LDL) were loaded on agarose gel and electrophoresed for 60 mins. The lipoproteins were stained with Sudan Black (A and B). Oil red O staining was used to determine the formation of foam cell. RAW264.7 were incubated with 80 µg/mL ox-LDL for 24 hrs.