

## **LipoSEARCH® - FAQs**



**Q: Does the method have any correlation with existing standard methods?**

**A:** The method correlates with the ultracentrifugation method.



**Q: How should samples be stored until shipping?**

**A:** Please store the samples at -80°C. Although one freeze-thaw cycle is acceptable, repeated cycles will affect the data. See [freeze-thaw cycle effects](#) for more details.



**Q: Does hemolysis affect the results?**

**A:** A clear peak appears for hemolysis after HDL, but the peak usually does not affect the calculation of HDL data.



**Q: Is there any requirement for feeding animals or subjects?**

**A:** The method does not have any particular requirement for the feeding regimen. It depends on the study.



**Q: Is there any validation data such as CV data and reproducibility?**

**A:** Various validation data are available.



**Q: Can you provide the fraction of lipoprotein?**

**A:** Unfortunately, we cannot provide this. LipoSEARCH® is an HPLC-based lipoprotein analysis service that provides concentration and size data for the four major classes and their sub-classes in detail, through lipoprotein separation and enzymatic reactions in a post-column system. We do not provide services for separating and collecting lipoproteins.



**Q: What kind of plasma sample can be used?**

**A:** Any plasma samples (EDTA-plasma, citrate-plasma, and heparin-plasma) collected using blood collection tubes with coated anticoagulants can be used. However, post-heparin plasma (from intravenous heparin) cannot be used.



**Q: Is cell culture supernatant applicable for analysis by LipoSEARCH®?**

**A:** Yes, the required volume is more than 250 µL for analysis.



**Q: Is it possible to analyze cell culture supernatants in 96-well plates?**

**A:** No, this is not applicable. Please prepare your samples in microtubes.



**Q: Can samples derived from genetically modified cells be analyzed by LipoSEARCH®?**

**A:** No, such samples (including virus-infected cells) are not acceptable.



**Q: Can samples inactivated by surfactants be analyzed by LipoSEARCH®?**

**A:** No, because it is difficult to obtain accurate data from samples containing surfactants. There is also a risk of damaging the analytical system if such samples are used.

**For more information or additional questions, feel free to contact us:**

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