

# ***Life Diagnostics, Inc.***

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## ***Human Apo-Lactoferrin***

Catalog No.	5020
Analysis	SDS PAGE: Major 78 kDa band.
Purity	≥90%
Concentration	2.5 - 15 mg/ml
Iron Saturation	Essentially iron-free
Buffer	Distilled water
Storage	-20°C or lower
Source	Milk.

Lactoferrin (LF) is a globular multifunctional protein with antimicrobial activity. It is found in milk and mucosal secretions such as tears and saliva. Lactoferrin antimicrobial activity is partially attributable to its high affinity for iron. It is purified by affinity and gel-filtration chromatography from milk. Iron was removed by extensive dialysis against citric acid followed by dialysis against distilled water. This product contains no preservative and should be stored at -20°C. Avoid repeated freeze-thaw cycles.

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