

CHOLESTANOL
#91157

EXPLANATION OF CHANGE: Effective immediately, Unit Code 91157, Cholestanol, referred to Kennedy Krieger Institute, will be updated to reflect the following changes:

	CURRENT	NEW
Unit Code	up to 12 years: 3.1 +/- 1.2 (SD) ug/ml (n=24)	up to 12 years: 3.1 +/- 1.2 (SD) ug/ml (n=24)
Always Message:	12 years-adult: 4.2 +/- 1.2 (SD) ug/ml (n=18)	12 years-adult: 4.2 +/- 1.2 (SD) ug/ml (n=18)
	<p>METHOD: Hexane solvent extraction of saponified lipids followed by derivatization with BSTFA + 1% TMCS. Gas chromatography on a 0.20 mm X 25 m OV-1 (0.33 um phase) capillary column programmed from 160 to 290 degrees C at 4 degrees C per min. Quantification by dual flame ionization detection and selected-ion monitoring, ion-ratio mass fragmentometry in the electron impact mode using epicoprostanol as internal standard.</p> <p>REFERENCE: Kelley RI. Diagnosis of Smith-Lemli-Opitz syndrome by gas chromatography/mass spectrometry of 7-dehydrocholesterol in plasma, amniotic fluid, and cultured skin fibroblasts. Clin Chim Acta 1995; 236:45-58.</p>	

QUESTIONS: Contact Mayo Medical Laboratories
Telephone: 800-533-1710