

May 09, 2019

Working

U Mass - Alkaline Phosphatase 👄

Jason Kim¹

¹University of Massachusetts

dx.doi.org/10.17504/protocols.io.xptfmnn

Mouse Metabolic Phenotyping Centers

Tech. support email: info@mmpc.org



Lili Liang 69

ABSTRACT

Summary:

This experiment involves a spectrophotometric measurement using Roche Cobas Clinical Chemistry Analyzer. Serum levels of alkaline phosphatase reflect liver function.

EXTERNAL LINK

https://mmpc.org/shared/document.aspx?id=177&docType=Protocol

MATERIALS

NAME ~	CATALOG # ~	VENDOR ~	CAS NUMBER \vee RRID \vee
Alkaline phosphatase acc. to IFCC Gen.2	04657373 190	Roche	
Calibrator f.a.s.	10759350 360	Roche	
Precinorm U Plus	12149435 160	Roche	
Precipath U Plus	12149443 160	Roche	
NaCl Diluent 9%	04774230 190	Roche	
Cleaner	04774248 190	Roche	
Micro Sample cups	11406680 001	Roche	
Chimneys	11930630 001	Roche	
NERL High Quality Water	9805	Fisher Scientific	

MATERIALS TEXT

Note:

Roche, RRID:SCR_001326

Fisher Scientific, RRID:SCR_008452

BEFORE STARTING

Notes:

- $\sqrt{}$ Try to use freshly prepared serum and plasma samples for this assay.
- √ No dilution or treatment of the sample is required, but plasma samples should be centrifuged to remove any fibrin/fibrinogen clumps.
- √ Samples should be stored at 2-8°C for 24 hours prior to analysis. For longer periods, store samples at -70°C, and avoid repeated freeze/thaw cycles.