

External Quality Assurance Program - CLINICAL CHEMISTRY

Sample material:

The proficiency testing item is **Human Lyophilized Serum** simulating the biological findings usually measured by the participants. These Serums will present a range of values completely comparable with those found in the working routine of the participants.

The coordinator will choose Serums which give measurements that can be referred to both physiological and pathological intervals.

In compliance with the provisions of UNI CEI EN ISO/IEC 17043:2010 (p.to 4.6.1.2), test samples must be treated in the same manner as that applied for the samples tested in the routine procedure. For each test parameter is required a single determination.

Parameters:

ALP	CHOLINESTERASE	IRON	SODIUM
ALT	CK NAK	LDH	TOTAL BILIRUBIN
AMYLASE	COPPER	LDL CHOLESTEROL	TOTAL CHOLESTEROL
AST	CREATININE	LIPASE	TOTAL PROTEINS
BICARBONATE	DIRECT BILIRUBIN	LITHIUM	TRIGLYCERIDES
BILE ACIDS	GAMMA GT	MAGNESIUM	UIBC
CALCIUM	GLUCOSE	PHOSPHORUS	UREA
CHLORINE	HDL CHOLESTEROL	POTASSIUM	URIC ACID

Statistical Elaboration:

Quantitative

Frequency:

Yearly, Quarterly or Monthly

Level:

1 level per assay.

During the cycle we send different levels to analyze.