

## External Quality Assurance Program - IMMUNOASSAY

### 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:

ALPHAPROTEIN	DIGOXIN	LH	TG AB
B-HCG	ESTRADIOL	PROGESTERONE	THYROGLOBULIN
CA 125	FERRITIN	PROLACTIN	TMAB
CA 15-3	FOLATE	PSA FREE	TPO AB
CA 19-9	FSH	PSA TOTAL	TSH
CARBAMAZEPINE	FT3	T3	
CEA	FT4	T4	
CORTISOL	IgE	TESTOSTERONE	

### Statistical Elaboration:

Quantitative

### Frequency:

Yearly, Quarterly or Monthly

### Level:

1 level per assay.

During the cycle we send different levels to analyze.