

شماره سند: P-۲۰-G۱۴				مدیریت نمونه در آزمایشگاه پویش دامنه کاربرد ۱۵۱۸۹							
NO	Test name	Sample type	Vol. (ml)	Assay method	Storage	Transport	Reject	Bilirubin	Hemolysis	Lipemia	Storage conditions after test performance
1	T3	S	0.2	CLIA	7 days at 4 °C, 1 month at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 200 mg/dl bilirubin	No effect Up to 512 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
2	T4	S	0.2	CLIA	7 days at 4 °C, 1 month at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 200 mg/dl bilirubin	No effect Up to 512 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
3	TSH	S	0.2	CLIA	7 days at 4 °C, 1 month at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 400 mg/dl bilirubin	No effect Up to 500 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
4	LH	S, PH	0.2	CLIA	7 days at 4 °C, 14 days at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 20 mg/dl bilirubin	No effect Up to 500 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
5	FSH	S	0.2	CLIA	7 days at 4 °C, 14 days at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 20 mg/dl bilirubin	No effect Up to 150 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
6	Testosterone	S	0.2	CLIA	14 days at 4 °C, 2 months at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 15 mg/dl bilirubin	No effect Up to 500 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
7	CEA	S	0.2	CLIA	7 days at 4 °C, 3 mouths at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 200 mg/dl bilirubin	No effect Up to 381 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
8	Ferritin	S	0.2	CLIA	7 days at 4 °C, 3 months at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 60 mg/dl bilirubin	No effect Up to 900 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
9	PSA	S	0.2	CLIA	24-48h at 4 °C, 3 months at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 40 mg/dl bilirubin	No effect Up to 500 mg/dl hemoglobin	No effect Up to 1000 mg/dl Triglycerides	2 weeks at -20
10	Amilase	S, PE, PH, U	0.2	Enzymatic & colorimetric	2 day at 15-25 °C, 7 days at 2-8 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 30 mg/dl bilirubin	Effective even in small amounts	No effect Up to 800 mg/dl Triglycerides	2 weeks at -20
11	Lipase	S, PH	0.2	Enzymatic & colorimetric	1 day at 15-25 °C, 5 days at 2-8 °C 1 year at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 20 mg/dl bilirubin	No effect Up to 100 mg/dl hemoglobin	No effect Up to 300 mg/dl Triglycerides	2 weeks at -20
12	Gamma G.T	S, PE	0.2	Enzymatic & colorimetric	7 days at 20-25 °C	at 2-8°c, -20°c	Hemolysis, ictric	No effect Up to 40 mg/dl bilirubin	No effect Up to 100 mg/dl hemoglobin	Presence of triglycerides has no effect	2 weeks at -20
13	LDH	S, PE, PH	0.2	Enzymatic	6 weeks at -20 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 40 mg/dl bilirubin	Effective even in small amounts	No effect Up to 500 mg/dl Triglycerides	2 weeks at -20
14	CPK	S, PE, PH	0.2	Kinetic UV	1 day at 15-25 °C, 7 days at 2-8 °C 4 weeks at -20 °C (in Dark)	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 40 mg/dl bilirubin	No effect Up to 50 mg/dl hemoglobin	No effect Up to 500 mg/dl Triglycerides	2 weeks at -20
15	Iron	S, PH	0.2	Ferrozine	4 day at 15-25 °C, 7 days at 2-8 °C	at 2-8°c, -20°c	Hemolysis, Lipemic, ictric	No effect Up to 40 mg/dl bilirubin	No effect Up to 25 mg/dl hemoglobin	No effect Up to 500 mg/dl Triglycerides	2 weeks at -20

WB : Whole blood S : Serum U : Urine BF : Body fluids H : Heparin
D: Defibrinate PH: Heparinized plasma PE: Plasma (EDTA) PC: Plasma (Citrate)