

DXI (SAMPLE REQUIREMENTS) ASSAY INFORMATION

- St. Joseph Medical Center, Tacoma, WA
 St. Francis Hospital, Federal Way, WA
 St. Clare Hospital Lakewood, WA

- St. Anthony Hospital Gig Harbor, WA
 St. Elizabeth Hospital Enumclaw, WA
 Highline Medical Center Burien, WA

- Harrison Medical Center, Bremerton, WA
 Harrison Medical Center, Silverdale, WA
 PSC

Assay	Sample Type	Sample Pick up plus dead Space	Interference Substance /Samples to avoid	Diluent	Sample dilution if OVR
Troponin (TNI+3)	S, PI (Sample types should not be used interchangeably)	55 uL	Turbidity, particulate matter, fibrin	Do not dilute	N/A
BNP	EDTA	55 uL	Hemolysis	Do not dilute	N/A
CK-MB	S, PI	55 uL	Lipemia, hemolysis, icterus, turbidity, fibrin, particulate matter	Sample Diluent A	1:2 (x2)
Cortisol	S, PI	25 uL	Turbidity, particulate matter, multiple freeze/thaws	Cal Zero (SO)	1:2 (x2)
Digoxin	S*, PI	55 uL	N/A	Cal Zero (SO)	1:2 (x2)
Estradiol	S, PI	35 uL	N/A	Cal Zero (SO)	1:2 (x2)
Ferritin	S, PI	10 uL	Gross Hemolysis	Sample Diluent A	1:5 (x5)
Folate	S, PI	55 uL	Hemolysis, prolonged exposure to light	Do not dilute	N/A
Free T4	S, PI	30 uL	N/A	Do not dilute	N/A
FSH	S, PI	25 uL	N/A	Diluent A/Cal Zero(SO)	1:2 (x2)
hTSH	S, PI	110 uL	Severe Hemolysis	Diluent A	1:5 (x5)
Hybritech Free PSA	S	25 uL	Hemolysis, turbidity	Cal Zero (SO)	1:5 (x5)
Hybritech PSA	S	25 uL	Hemolysis, turbidity	PSA Diluent	1:10 (x10)
LH	S, PI	55 uL	N/A	Diluent A/Cal Zero(SO)	1:2 (x2)
Progesterone	S	20 uL	Gross lipemia, gel storage	Cal Zero (SO)	1:3 (x3)
Prolactin	S, PI	25 uL	N/A	Cal Zero(SO)/ Diluent A	1:10 (x10)
PTH / PTHIO	PI / EDTA, PI	55 uL	Lipemia, hemolysis	For PTH: Do not dilute For PTHIO: Sample Diluent A	For PTHIO: 1:2 (x2)
Rubella IgG	S	20 uL	N/A	Do not dilute	N/A
T Uptake	S, PI	15 uL	N/A	Do not dilute	N/A
Testosterone	S, PI	20 uL	Do not use EDTA	Cal Zero SO)	1:2 (x2)
Total βhCG (5 th IS)	S, PI	HCG5 = 25 uL (HCG5d= 6 uL, d-CG5= 20 uL)	N/A	HCG5d or d-CG5	N/A (1:200 auto onboard)

Assay	Sample Type	Sample Pick up plus dead Space	Interference Substance /Samples to avoid	Diluent	Sample dilution if OVR
Total T4	S, PI	30 uL	Pregnant women	Cal Zero (SO)	1:2 (x2)
Vitamin B12	S,PI	45 uL	Hemolysis	Do not dilute	N/A
Vitamin D 25 (OH)	S PI	30 uL	Hemolysis	Do Not Dilute	N/A

Sample types: PI= Plasma Heparin, EDTA= Plasma EDTA, S= Serum, S*=Serum Recommended

REFERENCES

Beckman Coulter Assay Summary Tables For use with the Access Family of Immunoassay Systems. August 2015