

DXI ANALYTICAL MEASUREMENT RANGE (AMR)

- 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

Test	Analytical Measurement Range(AMR)	Reportable Range	Acceptable Diluent	Maximum Manual Dilutions	Special Notes	Upper Limit report as	Lower Limit report as
BNPEP	5 – 5000 pg/mL	5 – 5000 pg/mL	N/A	DO NOT DILUTE	EDTA ONLY	>5000 pg/mL	<5 pg/mL
CKMB	0.1 - 300 ng/mL	0.1 – 600 ng/mL	Sample Diluent A	X2 (MAX Dilution)		>600 ng/mL	<0.1 ng/mL
DIGOXIN	0.2 – 6.0 ng/mL	0.2 – 12.0 ng/mL	Dig Zero Calibrator	X2 (MAX Dilution)		>12.0 ng/mL	<0.2 ng/mL
HCGQN	1 – 1350 mIU/mL	See special notes	(Auto-dilution) Select: • d-CG5 (SJMC) • HCG5d (SFH,SCH,SAH)	N/A	Select HCG5 for undiluted. Select d-CG5 (SJMC) or HCG5d (SFH,SCH,SAH) for >1350 mIU/mL	See special notes	<1 mIU/mL
HCGQN diluted (d-CG5 or HCG5d)	1050 – 200,000 mIU/mL	1050 – 200,000 mIU/mL	(Auto-dilution) Select: • d-CG5 (SJMC) • HCG5d (SFH,SCH,SAH)	N/A		>200,000 mIU/mL	See HCGQN
PTHIO (Interoperative)	6 – 3500 pg/mL	6 – 7000 pg/mL	Sample Diluent A	X2 (MAX Dilution)		>7000 pg/mL	<6 pg/mL
TNI	0.01 - 80 ng/mL	0.01 - 80 ng/mL	N/A	DO NOT DILUTE		>80 ng/mL	<0.01 ng/mL
CORTISOL	0.4 – 60 ug/dL	0.4 – 120 ug/dL	Cortisol Calibrator S0 (zero)	X2 (MAX Dilution)		>120 ug/dL	<0.4 ug/dL

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ESTRADIOL	20 – 4800 pg/mL	20 – 9600 pg/mL	Estradiol Calibrator S0 (zero)	X2 (MAX Dilution)		>9600 pg/mL	<20 pg/mL
FERRITIN	1 – 1500 ng/mL	See special notes	Select Dil-Fer on DXI (auto-dilution)	See Dil-Ferritin	Select Ferritin for undiluted. Select Dil-Fer for >1500 ng/ml	See special notes	<1 ng/mL
FERRITIN-DILUTED (Dil-Fer)	1500 – 15,000 ng/mL	1500 – 75,000 ng/mL	Ferritin Calibrator S0 (zero) or Sample Diluent A	X5 (MAX Dilution) for Ferritin >15,000	Select Dil-Fer for >1500 ng/ml	>75,000 ng/mL	See Ferritin
FOLATE	1.0 – 24.8 ng/mL	1.0 – 24.8 ng/mL	N/A	DO NOT DILUTE		>24.8 ng/mL	<1.0 ng/mL
FREE PSA	0.01 – 20.00 ng/mL	0.01 – 100.00 ng/mL	Free PSA Calibrator S0 (zero)	X5 (MAX Dilution)	USE SERUM ONLY for FREE PSA	>100.00 ng/mL	<0.01 ng/mL
FREE T4	0.3 – 6.0 ng/dL	0.3 – 6.0 ng/dL	N/A	DO NOT DILUTE		>6.0 ng/dL	<0.3 ng/dL
FSH	0.2 – 200.0 mIU/mL	0.2 – 400.0 mIU/mL	FSH Calibrator S0 (zero) or Sample Diluent A	X2 (MAX Dilution)		>400 mIU/mL	<0.2 mIU/mL
LH	0.2 – 250.0 mIU/mL	0.2 – 500.0 mIU/mL	LH Calibrator S0 (zero) or Sample Diluent A	X2 (MAX Dilution)		>500 mIU/mL	<0.2 mIU/mL
PROGESTERONE	0.10 – 40.00 ng/mL	0.10 – 120.00 ng/mL	Progesterone Calibrator S0 (zero)	X3 (MAX Dilution)		>120.00 ng/mL	<0.10 ng/mL
PROLACTIN	0.3 – 200.0 ng/mL	0.3 – 2000.0 ng/mL	Prolactin Calibrator S0 (zero) or Sample Diluent A	X10 (MAX Dilution)		>2000 ng/mL	<0.3 ng/mL
PSA	0.01 - 150 ng/mL	0.01 – 750 ng/mL	Hybritech PSA Sample Diluent	X10 (MAX Dilution)	USE SERUM ONLY for PSA	>1500ng/mL	<0.01 ng/mL

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PTHI (PTH INTACT)	1 – 3500 pg/mL	1 – 3500 pg/mL	N/A	DO NOT DILUTE PTHI		>3500 pg/mL	<1 pg/mL
RUBELLA IGG	10 – 500 IU/mL	10 – 500 IU/mL	N/A	DO NOT DILUTE		>500 IU/mL	<10 IU/mL
TESTOSTERONE	10 – 1600 ng/dL	10 – 3200 ng/dL	Testosterone Calibrator S0 (zero)	X2 (MAX Dilution)		>3200 ng/dL	<10 ng/dL
T4 (Total T4)	0.5 – 30.0 ug/dL	0.5 – 60.0 ug/dL	Total T4 Calibrator S0 (zero)	X2 (MAX Dilution)		>60.0 ug/mL	<0.5 ug/mL
TSH	0.010– 100.00 uIU/mL	0.010– 500.00 uIU/mL	Sample Diluent A	X5 (MAX Dilution)		>500.000 uIU/mL	<0.010 uIU/mL
TUP (T Uptake)	27.5 – 42.8 % (Reference Range)	27.5 – 42.8 % (Reference Range)	N/A	DO NOT DILUTE		>50%	<27.5%
VITB12	50 – 1500 pg/mL	50 – 1500 pg/mL	N/A	DO NOT DILUTE	See procedure if Dr. wants further dilution	>1500 pg/mL	<50 pg/mL
VITD25	7.0 – 120.0 ng/mL	7.0 – 120.0 ng/mL	N/A	DO NOT DILUTE	Vortex reagent before loading	>120.0 ng/mL	<7.0 ng/mL