

September 4, 2007

To: Physicians, Physician Assistants, Physician Offices, Reference Accounts, & Nursing Units

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Reference ranges for several chemistry tests will change on Tuesday September 11, 2007. These changes reflect the manufacturers' published reference ranges in their instructions for use manual. Changes, in most cases, should have minimal clinical impact.

Please call us at 906 225 3051 with any reference range concerns or questions.

<u>Test</u>	<u>Old Range</u>	<u>New Range</u>
Albumin	3.4 – 5.0 g/mL	3.5 – 5.0 g/mL
ALT	7 – 56 U/L	F: 9 – 52 U/L M: 21 – 72 U/L
Ammonia	11 – 35 µg/mL	9 – 30 µg/mL
Amylase	30 – 110 U/L	30 – 130 U/L
C BIL	0.0 – 0.1 mg/dL	0.0 – 0.3 mg/dL
BUN	F: 7 – 18 mg/dL M: 9 – 21 mg/dL	F: 7 – 17 mg/dL M: 9 – 20 mg/dL
Calcium	8.5 – 10.5 mg/dL	8.4 – 10.2 mg/dL
CK	F: 35 – 232 U/L M: 21 – 215 U/L	F: 30 – 135 U/L M: 55 – 170 U/L
CL	98 – 108 mmol/L	98 – 107 mmol/L
Creatinine	F: 0.5 – 1.2 mg/dL M: 0.7 – 1.4 mg/dL	F: 0.7 – 1.2 mg/dL M: 0.8 – 1.5 mg/dL
CO2	22 – 31 mmol/L	22 – 30 mmol/L
FE	42 – 135 µg/mL	F: 37 – 170 µg/dL M: 49 – 181 µg/mL
GGT	F: 5 – 55 U/L L M: 15 – 85 U/L	F: 12 – 43 U/L M: 15 – 73 U/L
Glucose	70 – 110 mg/dL	74 – 106 mg/dL
K	3.6 – 5.0 mmol/L	3.5 – 5.1 mmol/L
Lipase	23 – 208 U/L	23 – 300 u/L
MG	1.8 – 2.4 mg/dL	1.6 – 2.3 mg/dL
NA	136 – 143 mmol/L	137 – 145 mmol/L
T BIL	0.1 – 1.5 mg/dL	0.2 – 1.3 mg/dL
T Protein	6.5 – 8.5 g/dL	6.3 – 8.2 g/dL
24HR U PRO	42 – 225 mg/24hr	42 – 225 mg/24hr
Valproic Acid	50 – 100 µg/mL	50 – 120 µg/mL