



AMERICAN ASSOCIATION OF BIOANALYSTS
 205 West Levee St. Brownsville, TX 78520
 (281) 436-5357 - (800) 234-5315 - Fax (713) 781-5008

PARTICIPANT STATISTICS

TIBC - UIBC

Chemistry Q1 2010

Name	Line No.	Specimen 1			Specimen 2			Mean	SD	No. Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Total Iron Binding Capacity (TIBC)										
Initial Grouping by Reagent and Instrument										
J&J Vitros & J&J Vitros 5,1 FS	1	413-688	P	550.1	19	159-265	P	212.3	8	13
Siemens IBCT & Siemens Dimension series	2	349-582	P	465.8	12	143-238	P	190.5	12	26
Siemens IBCT & Siemens Dimension Rxl	3	345-575	P	459.8	15	142-237	P	189.9	14	10
Siemens IBCT & Siemens Dimension Xpand	4	345-574	P	459.4	13	141-236	P	188.6	10	19
Initial Grouping by Reagent										
J&J Vitros	5	441-736	P	588.5	80	148-246	P	197.0	27	26
Siemens IBCT	6	346-577	P	462.0	13	142-237	P	189.5	11	62
Initial Grouping by Sensitivity or Principle										
IBCT standardized	7	361-602	P	481.2	63	139-232	P	185.7	16	69
Moderate recovery methods	8	380-633	P	506.8	85	158-263	P	210.7	17	19
High recovery methods	9	445-742	P	593.5	86	145-241	P	192.9	27	37
Total Population										
Whole Population	10	388-646	P	516.9	78	144-239	P	191.5	21	140



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Name	Line No.	Specimen 1			Specimen 2			Mean	SD	No. Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Unconjugated Iron Binding Capacity (UIBC)										
Initial Grouping by Reagent and Instrument										
Carolina & Beckman Synchron CX3/7/9/L	1	379-632	P	505.9	48	104-173	P	138.6	19	11
Initial Grouping by Reagent										
Carolina	2	378-629	P	503.4	37	100-166	P	132.9	18	18
DCL/Genzyme UIBC	3	385-641	P	513.1	46	97-162	P	129.6	14	23
Roche Cobas	4	379-631	P	505.1	30	95-159	P	126.8	10	11
Initial Grouping by Sensitivity or Principle										
Low recovery methods	5	364-607	P	485.7	103	99-165	P	132.0	27	33
Moderate recovery methods	6	380-633	P	506.6	42	97-161	P	129.2	13	37
High recovery methods	7	362-603	P	482.6	61	96-161	P	128.6	12	16
Total Population										
Whole Population	8	365-609	P	487.0	48	97-162	P	129.9	14	111