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

PARTICIPANT STATISTICS **FIRST QUADRIMESTER 2010**

BODY FLUIDS MICROSCOPY

Crystal Analysis	Labs	Flagging
Crystals present, would refer for ID	2	
Monosodium urate crystals	1	
Uric acid crystals	5	
Would Refer	3	
TOTAL POPULATION	11	

The intended result was monosodium urate crystals.

Uric acid is the result of metabolism of purines. It is the final breakdown product and typically excreted into the urine. Excess uric acid can accumulate in the kidneys or joints. Accumulation in the joints leads to a specific type of arthritis known as gout. The fine needle-like crystals of uric acid clearly seen in the event photomicrographs cause this painful condition. Elevated uric acid (hyperuricemia) is typically caused by a combination of high intake of purine-rich foods and impaired excretion of uric acid by the kidneys. Lifestyle changes such as weight loss and limitations on purine rich foods; anchovies, sardines, liver, asparagus, cauliflower and so on can reduce or eliminate the disease. In addition, the disease is often readily treated with medication ranging from simple NSAIDs to various steroids. Specific uric acid lowering drugs such as Allopurinol can often eliminate the need for significant dietary changes.

Correct responses are defined as those reflecting agreement among 80% or more
Unacceptable responses are indicated by "****" on the Flagging line of each specimen.