**ALPHA-FUCOSIDASE, LEUKOCYTE/PLASMA/FIBROBLASTS**

**Orderable - AFUCL/AFUCO/Fibroblast-Use Req**

**Alternate Name(s):**
Fucosidosis

**Specimen:**
1. 2 x 6 mL Dark Green (Sodium Heparinized) top Vacutainer
2. 4.5 mL Green (Lithium Heparin) top Vacutainer tube (preferred specimen type)
3. Fibroblasts

**Collection Information:**
Sample must be collected so that it will be received in lab no later than 3:00pm of collection day.

1. Send 8-10 mL whole blood immediately. Keep cold but not frozen.

2. The preferred specimen is plasma. A minimum volume of 1 mL of plasma is required for testing.

3. Collect fibroblasts and send in a sterile container.

**Reference Ranges:**

Leukocyte:
60-121 nmol/hr/mg protein

Plasma:
214-1070 nmol/hr/mL plasma

Fibroblast:
54-313 nmol/hr/mg protein

**Storage and Shipment:**
Sample must be sent to lab immediately