Orderable - BNAHL/BNAHP/Fibroblasts-Use Requisition to order

**Alternate Name(s):**

- Hexosaminidase
- GM2 Gangliosidosis
- Sandhoff Disease
- Tay-Sachs Disease

**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:**
- A%: 62-77%
- A: 99-311 nmol/hr/mg protein
- A+B: 962-1711 nmol/hr/mg protein

**Plasma**
- A%: 62-76%
BETA-N-ACETYLHEXOSAMINIDASE, %A, A, A+B, LEUKOCYTE/PLASMA FIBROBLASTS

**(A):** 22-58 nmol/hr/mL plasma  
**(A+B):** 715-1516 nmol/hr/mL plasma

Fibroblast:  
**(A):** 390-750 nmol/hr/mg protein  
**(A+B):** 8160-11500 nmol/hr/mg protein

**Storage and Shipment:**

Sample must be sent to lab *immediately.*