

**Reporting Title:** Arylsulfatase A, Leukocytes  
**Performing Location:** Rochester

**Shipping Instructions:**  
For optimal isolation of leukocytes, it is recommended the specimen arrive refrigerated within 6 days of collection to be stabilized. Collect specimen Monday through Thursday only and not the day before a holiday. Specimen should be collected and packaged as close to shipping time as possible.

**Specimen Requirements:**  
**Container/Tube:**  
**Preferred:** Yellow top (ACD solution B)  
**Acceptable:** Yellow top (ACD solution A)  
**Specimen Volume:** 6 mL  
**Collection Instructions:** Send specimen in original tube. **Do not aliquot.**

- Forms:**
- 1. **New York Clients-Informed consent is required.** Document on the request form or electronic order that a copy is on file. The following documents are available:  
[-Informed Consent for Genetic Testing \(T576\)](#)  
[-Informed Consent for Genetic Testing-Spanish \(T826\)](#)
  - 2. [Biochemical Genetics Patient Information \(T602\)](#)
  - 3. [If not ordering electronically, complete, print, and send a Biochemical Genetics Test Request \(T798\)](#) with the specimen.

Specimen Type	Temperature	Time	Special Container
Whole Blood ACD	Refrigerated (preferred)	6 days	YELLOW TOP/ACD
	Ambient	6 days	YELLOW TOP/ACD

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
8779	Arylsulfatase A, Leukocytes	Numeric	nmol/h/mg	24078-8
32437	Interpretation	Alphanumeric		59462-2
32438	Reason for referral	Alphanumeric		42349-1
32439	Reviewed by	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**  
No

**CPT Code Information:**  
82657

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**Reference Values:**

> or =62 nmol/h/mg

**Note:** Results from this assay may not reflect carrier status because of individual variation of arylsulfatase A enzyme levels. Low normal values may be due to the presence of pseudodeficiency or carrier alleles. Patients with these depressed levels may be phenotypically normal.