

## ***Certificate of Analysis***

**Catalog Number:** 1007  
**Lot Number:** 187JN09  
**Cell Count:**  $7.0 \times 10^6$   
**Viability:** 94%

### **Lot specific response to Recall Antigens**

	<u>TNF-<math>\alpha</math></u>	<u>IFN-<math>\gamma</math></u>
<b>CMV antigens:</b>	<b>NEG</b>	<b>NEG</b>
<b>E.coli LPS:</b>	<b>NEG</b>	<b>NEG</b>
<b>PHA:</b>	<b>POS</b>	<b>POS</b>
<b>Tetanus toxoid:</b>	<b>NEG</b>	<b>NEG</b>

### **Donor Information**

**DonorId** 64  
**Age/Race/Gender** 51 yo Caucasian Male

### **Clinical Values**

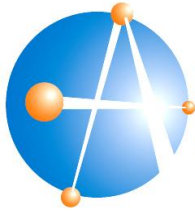
**Rheumatoid Factor** 831 IU/ml  
**CCP** Unknown

### **History**

**Smoker:** Yes, current  
**Medications:** available upon request

### ***Notes***

Responses to CMV, *E.coli* LPS and PHA antigens are determined by TNF- $\alpha$  and IFN $\gamma$  assays. Reactivity may be different when other methods are used.



**Astarte**  
BIOLOGICS

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**Peripheral Blood Mononuclear Cells**  
**Catalog #1007**  
**Lot #187JN09**

Donors are tested for the blood borne pathogens HIV-1 and 2, Hepatitis B, Hepatitis C and HTLV-1, and are negative. Cells should still be handled as if potentially infectious following biosafety level 2 procedures.

**FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC  
USE**