

Certificate of Analysis

Catalog Number: 1007
Lot Number: 206JN09
Cell Count: 9.1 x 10⁶
Viability: 96%

Lot specific response to Recall Antigens

	<u>TNF-α</u>	<u>IFN-γ</u>
CMV antigens:	NEG	NEG
E.coli LPS:	POS	NEG
PHA:	POS	POS
Tetanus toxoid:	NEG	NEG

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

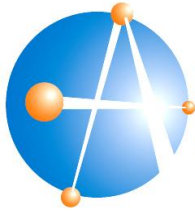
Donor Information

DonorId 70
Age/Race/Gender 26yo Caucasian Female

Laboratory Test results

Total IgE: 2490 kU/l

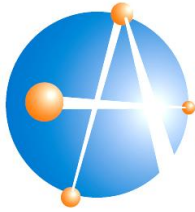
<i>Allergen</i>	<i>kU/l</i>
Dermatophagoides pteronyssinus (house dust mite)	>100
Cat Dander	31
Dog Dander	2.56
Timothy	2.13
Alternaria alternate (<i>A. tenuis</i>)	1.93
Common ragweed	21.7



Specific IgE class	Range	Level of Allergen specific IgE antibody
VI	≥100	Very High
V	50-100	Very High
IV	17.5-50	Very High
III	3.5-17.5	High
II	0.7-3.5	Moderate
I	0.35-0.7	Low
O	<0.35	Absence or undetectable

Skin Test Results

- 1+ = Wheal 1-2 mm in diameter (considered negative)
- 2+ = Wheal 3-5 mm in diameter (considered borderline)
- 3+ = Wheal 5-8 mm in diameter (considered positive)
- 4+ = Wheal >8 mm in diameter or >6 mm in diameter with pseudo-pods (considered positive)



Astarte
BIOLOGICS

Peripheral Blood Mononuclear Cells
Catalog #1007
Lot #206JN09

Controls		Grasses	
Negative	0	Sweet Vernal and Meadow Fescue	3+
Positive (Histaminie)	3+		
Environmentals		Weeds	
D Farinae (dust mites)	4+	Western Ragweed	2+
Standardized Cat Hair	3+	English Plantain	0
Dog Epithelium	0+	Common Sagebrush	0
		Lamb's Quarters	0
Trees		Molds	
Red Alder	0	Alternaria	0
Cottonwood	0	Asp. fumigatus	0
American Elm	0	Cladosporium	0
White birch	0		
Red Cedar	0		

History

Available upon request

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

Astarte Biologics, LLC 866.513.1894 www.astartebio.com