

Table e-1. Molecular and Biochemical Analysis of Tissue Samples

Source	Study Type	Test	Results	Reference
CSF	Cell Count	WBC	1	0-5 cells/ μ L
		RBC	5	≤ 5 cells/ μ L
		Protein	35 mg/dL	15-45 mg/dL
		Glucose	58 mg/dL	50-80 mg/dL
		Cytology	No malignant cells	
	Infectious	Gram stain and culture	No organisms	
		Acid Fast stain	No Acid fast bacilli	
		Fungal stain and culture	No fungi isolated	
		<i>Cryptococcal</i> antigen	Negative	
		<i>Histoplasmosis</i> Antigen	Negative	
		<i>Coccidioides</i> Antibody	< 1:2	< 1:2
		VDRL	Nonreactive	
		HSV PCR	Negative	
		VZV PCR	Negative	
		EBV PCR	Negative	
		West Nile Virus IgM	Negative	
		Arbovirus IgM	Negative	
	Inflammatory	Oligoclonal bands	No bands	
		CSF IgG synthesis rate	-4.7 mg/24 hr	-9.9 – +3.3 mg/24 hr
		IgG	2.7 mg/dL	0 – 8.6 mg/dL
		ACE	1.9	0 – 2.5 U/L
Serum	Infectious	HIV-1/HIV-2 Antigen	Negative	
		<i>Histoplasmosis</i> Antigen	Negative	
		<i>Mycoplasma pneumoniae</i>	< 770 U/mL	< 770 U/mL

		IgM		
		<i>Rickettsia</i> IgG and IgM	< 1:64	< 1:64
		<i>Bartonella henselae</i> IgM	Negative	
		<i>Bartonella quintana</i> IgM	Negative	
		<i>Coxiella burnetii</i> IgG	Negative	
		Lyme Antibody	Negative	
		HTLV-1	Negative	
	Autoimmune	ANA	Negative	
		dsDNA	Negative	
		Protein electrophoresis	Normal	
		Rheumatoid Factor	< 10 IU/mL	0 – 15 IU/mL
		MPO – ANCA	3.2 IU/mL	< 10 IU/mL
		PR3 – ANCA	3.4 IU/mL	< 10 IU/mL
		Sjogren's Antibodies	Negative	
		NMO IgG	<1.5 U/mL	0 – 3 U/mL
		GAD-65	< 5 U/mL	0 – 5 U/mL
		TPO	11 IU/mL	0 – 34 IU/mL
Blood	Toxin	Lead	1	<20 µg/dL
		Aresnic	5	2-23 µg/L
		Mercury	Not Detected	<15 µg/L
		Carboxyhemaglobin	2%	Nonsmoker ≤3%