NIM® ASD ADHD Care
NEUROIMMUNOLOGY
PANEL
PANDAS
https://nim-care.com

		Range	Jun-22	Sep-22	Nov-22	Jan-23
Immunity and inflammation, serum						
✓	Complete blood					
✓	IgE	<200	20.5	<13.2		21.7
✓	CIC IgG-C1q	<20	<2.0			
✓	CH50	31.6 - 57.6	60	41.6		54.3
✓	CRP		4.7	<0.2		
✓	TNF alfa		no res	14.3		
✓	Interleukin-1 beta	< 5.0	6.7	<5		<5
✓	Interleukin-8	< 62.0	52.5	7.03		5.03
✓	Eosinophilic cationic	<13.3	46.2	19.8		17.3
Inflammatory bowel diseases and intestinal infections, stool						
✓	Secretory IgA		1366	670		1175
✓	Elastase	>200	288.3	306.6		127
✓	Clostridium difficile toxins A, B	Pos+ Neg-	NEG	NEG		NEG
Group A (Beta-hemolytic) streptococcus infection, serum						
✓	Antistreptolysin	< 200	<50	<50		
✓	Anti-streptococcal hyaluronidase	< 300	75	100		
✓	Anti streptodornase B	< 75	<75	<75		

Herpes simplex virus (HSV), CMV, EBV, HHV6, parvovirus B19 PCR						
✓	CMV, EBV, HHV6 (**saliva**)	Pos+ Neg-	no res	HHV Pos+ BEOLAB EBV Pos+		
✓	CMV, EBV, HHV6 (**urine**)	Pos+ Neg-	YNLAB CMV	ab Negative all		
In healthy individuals EBV, HHV6 and HSV may be						
	Blood biochemistry					
✓	Ceruloplasmin	20 - 60	25.6	21.5		
✓	ALT	< 31	12	24	13	10
✓	AST	< 31	37	32	34	30
✓	GGT	< 32	9	16	21	20
✓	Lactate	110 - 295	537	235		227
✓	Creatine Kinase	24 - 170	57	80		96
✓	Creatinine	<97	nores	42.2	44.8	47.7
✓	Urea	2.1-8.2	5.4	3.9	3.5	3.8
✓	Uric acid	<340	221.35	243		328.4
✓	Bilirubin Total	<19	17.6	6.4		7.9
✓	Bilirubin Direct	<5.1	7.4	2.6		3.5
✓	Glucose	3.3-5.6	3.87	4.46	4.63	4.52
✓	Lactate	0.50 - 2.20	nores	1.5		3.8
✓	Piruvate	0.30 - 0.70	2.63	1.76	1.14	no res
✓	Ammonia	17 - 50	82.1	80.36	51.69	45.7
	Vitamins, serum					
✓	Vitamin D25OH	30 - 60	51.93	69.12	57.32	
✓	Vitamin B1	20 - 100	67	275		
✓	Vitamin B12	187-883				332
	Hormones, serum					
✓	Prolactin	102 - 496	194	992.2		236.3
✓	TSH	0.27 - 4.2	2.4	2.28	1.5	1.89
Mandatory screening before starting anti-						

✓	HIV1,2, hepatitis B	Pos+ Neg-	NEG			
✓	Quantiferone	Pos+ Neg-	NEG			
Other resultts						
✓	S-100	< 0.105	no res	0.194	2.42	0.231
✓	Homocystine	< 12	no res	8.1		6.69
✓	NSE	< 18	no res	no res	16.6	14.9