

SUPPLEMENTARY TABLE S4. LABORATORY FINDINGS DIFFERENTIATING AUTOIMMUNE DISEASE AND NONAUTOIMMUNE DISEASE GROUPS

<i>Laboratory findings</i>	<i>Total cohort (n=45)</i>	<i>AD (n=26)</i>	<i>Non-AD (n=19)</i>	<i>Chi-square</i>	<i>Significance (p-value)</i>
CBC abnormalities	26/45 (58%)	15/26 (58%)	11/19 (58%)	0	0.989
Elevated ESR	6/43 (14%) (n=43)	3/26 (12%)	3/17 (18%) (n=17)	0.31	0.574
Elevated CRP	4/37 (11%) (n=37)	1/21 (5%) (n=21)	3/16 (19%) (n=19)	1.86	0.206
Low ferritin	8/39 (21%) (n=39)	4/24 (17%) (n=24)	4/15 (27%) (n=15)	0.56	0.455
Low vitamin D	10/36 (28%) (n=36)	6/21 (29%) (n=21)	4/15 (27%) (n=15)	0.02	0.900
TSH abnormalities	4/40 (10%) (n=40)	3/25 (12%) (n=25)	1/15 (7%) (n=15)	0.31	0.591
Low T4	0/40 (0%) (n=40)	0/25 (0%) (n=25)	0/15 (0%) (n=15)	—	—
Anti-TPO	4/38 (11%) (n=38)	3/25 (12%) (n=25)	1/13 (8%) (n=13)	0.18	0.684
Transglutaminase antibodies	2/40 (5%) (n=40)	2/25 (8%) (n=25)	0/15 (0%) (n=15)	—	—
ANA	7/41 (17%) (n=41)	5/25 (20%) (n=25)	2/16 (13%) (n=16)	0.40	0.537
Histone antibodies	0/31 (0%) (n=31)	0/21 (0%) (n=21)	0/10 (0%) (n=10)	—	—
Elevated SAA	3/22 (14%) (n=22)	1/14 (7%) (n=14)	2/8 (25%) (n=8)	1.32	0.267
Complement activation	13/35 (37%) (n=35)	7/22 (32%) (n=22)	6/13 (46%) (n=13)	0.71	0.399
Low IgG	4/36 (11%) (n=36)	2/22 (9%) (n=22)	2/14 (14%) (n=14)	0.23	0.631
Low IgA	3/34 (9%) (n=34)	3/22 (14%) (n=22)	0/12 (0%) (n=12)	—	—
Low IgM	0/34 (0%) (n=34)	0/22 (0%) (n=22)	0/12 (0%) (n=12)	—	—
Elevated IL-1- β	0/25 (0%) (n=25)	0/14 (0%) (n=14)	0/9 (0%) (n=9)	—	—
Elevated IL-6	1/25 (4%) (n=25)	0/15 (0%) (n=15)	1/11 (9%) (n=11)	—	—
Elevated IL-8	0/25 (0%) (n=25)	0/14 (0%) (n=14)	0/11 (0%) (n=11)	—	—
Elevated TNF- α	0/24 (0%) (n=24)	0/14 (0%) (n=14)	0/10 (0%) (n=10)	—	—
Positive strep/throat culture	5/10 (50%) (n=10)	4/8 (50%) (n=8)	1/2 (50%) (n=2)	0	1.000

AD, autoimmune disease; AD group, diagnosis of AD in the patient or first-degree relative; ANA, antinuclear antibodies; CBC, complete blood count; CRP, C-reactive protein; ESR, erythrocyte sedimentation rate; IgA, immunoglobulin A; IgM, immunoglobulin M; IL, interleukin; non-AD group, neither the patient nor first-degree relative has a diagnosis of AD; SAA, serum amyloid A; TNF- α , tumor necrosis factor- α ; TPO, thyroperoxidase; TSH, thyroid-stimulating hormone.