

Table SII. Normal and abnormal range of values for laboratory parameters, overall and in strata of clinical and aetiological categories of chronic pruritus

	Total n ^b (%)	Clinical category			p- value ^a	Aetiological category				p- value ^a	
		I: Pruritus on diseased skin n ^b (%)	II: Pruritus on non-diseased skin n ^b (%)	III: Chronic scratch lesions n ^b (%)		I: Dermato- logical n ^b (%)	II: Systemic n ^b (%)	III-IV: Neur/ Psyc n ^b (%)	V-VI: Mixed/ Other n ^b (%)		
Aspartate transaminase											
Normal	146 (88.5)	73 (90.1)	22 (84.6)	51 (87.9)	0.74	73 (90.1)	20 (83.3)	11 (91.7)	42 (87.5)	0.80	
Abnormal	19 (11.5)	8 (9.9)	4 (15.4)	7 (12.1)		8 (9.9)	4 (16.7)	1 (8.3)	6 (12.5)		
Alanine transaminase											
Normal	145 (89.0)	73 (91.2)	22 (84.6)	50 (87.7)	0.60	73 (91.2)	20 (80.0)	11 (91.7)	41 (89.1)	0.45	
Abnormal	18 (11.0)	7 (8.8)	4 (15.4)	7 (12.3)		7 (8.8)	5 (20.0)	1 (8.3)	5 (10.9)		
Gamma-GT											
Normal	97 (66.4)	42 (62.7)	18 (69.2)	37 (69.8)	0.68	42 (62.7)	15 (57.7)	7 (77.8)	33 (75.0)	0.35	
Abnormal	49 (33.6)	25 (37.3)	8 (30.8)	16 (30.2)		25 (37.3)	11 (42.3)	2 (22.2)	11 (25.0)		
Lactate dehydrogenase											
Normal	106 (74.1)	49 (70.0)	18 (90.0)	39 (73.6)	0.20	49 (70.0)	13 (65.0)	9 (90.0)	35 (81.4)	0.26	
Abnormal	37 (25.9)	21 (30.0)	2 (10.0)	14 (26.4)		21 (30.0)	7 (35.0)	1 (10.0)	8 (18.6)		
Bilirubin total											
Normal	86 (87.8)	40 (90.9)	16 (88.9)	30 (83.3)	0.52	40 (90.9)	13 (72.2)	6 (85.7)	27 (93.1)	0.15	
Abnormal	12 (12.2)	4 (9.1)	2 (11.1)	6 (16.7)		4 (9.1)	5 (27.8)	1 (14.3)	2 (6.9)		
Alkaline phosphatase											
Normal	115 (81.6)	54 (87.1)	18 (75.0)	43 (78.2)	0.31	54 (87.1)	15 (65.2)	11 (91.7)	35 (79.5)	0.11	
Abnormal	26 (18.4)	8 (12.9)	6 (25.0)	12 (21.8)		8 (12.9)	8 (34.8)	1 (8.3)	9 (20.5)		
Creatinine											
Normal	107 (64.1)	51 (63.0)	17 (60.7)	39 (67.2)	0.80	51 (63.0)	12 (46.2)	11 (84.6)	33 (70.2)	0.08	
Abnormal	60 (35.9)	30 (37.0)	11 (39.3)	19 (32.8)		30 (37.0)	14 (53.8)	2 (15.4)	14 (29.8)		
Urea											
Normal	58 (53.2)	33 (63.5)	11 (44.0)	14 (43.8)	0.12	33 (63.5)	5 (26.3)	6 (75.0)	14 (46.7)	0.02	
Abnormal	51 (46.8)	19 (36.5)	14 (56.0)	18 (56.2)		19 (36.5)	14 (73.7)	2 (25.0)	16 (53.3)		
Uric acid											
Normal	17 (35.4)	6 (27.3)	3 (33.3)	8 (47.1)	0.44	6 (27.3)	3 (25.0)	2 (100.0)	6 (50.0)	0.12	
Abnormal	31 (64.6)	16 (72.7)	6 (66.7)	9 (52.9)		16 (72.7)	9 (75.0)	0 (0.0)	6 (50.0)		
Thyroid-stimulating hormone											
Normal	130 (85.5)	59 (86.8)	23 (85.2)	48 (84.2)	0.92	59 (86.8)	20 (83.3)	12 (100.0)	39 (81.2)	0.46	
Abnormal	22 (14.5)	9 (13.2)	4 (14.8)	9 (15.8)		9 (13.2)	4 (16.7)	0 (0.0)	9 (18.8)		
Glycated haemoglobin											
Normal	70 (56.5)	34 (60.7)	9 (36.0)	27 (62.8)	0.07	34 (60.7)	9 (39.1)	5 (62.5)	22 (59.5)	0.34	
Abnormal	54 (43.5)	22 (39.3)	16 (64.0)	16 (37.2)		22 (39.3)	14 (60.9)	3 (37.5)	15 (40.5)		
Haemoglobin											
Normal	95 (56.5)	43 (53.8)	17 (58.6)	35 (59.3)	0.78	43 (53.8)	14 (53.8)	10 (76.9)	28 (57.1)	0.47	
Abnormal	73 (43.5)	37 (46.2)	12 (41.4)	24 (40.7)		37 (46.2)	12 (46.2)	3 (23.1)	21 (42.9)		
Eosinophils											
Normal	99 (60.7)	41 (53.2)	23 (82.1)	35 (60.3)	0.03	41 (53.2)	14 (56.0)	11 (84.6)	33 (68.8)	0.09	
Abnormal	64 (39.3)	36 (46.8)	5 (17.9)	23 (39.7)		36 (46.8)	11 (44.0)	2 (15.4)	15 (31.2)		
Leucocytes											
Normal	143 (85.1)	68 (85.0)	25 (86.2)	50 (84.7)	0.98	68 (85.0)	22 (84.6)	12 (92.3)	41 (83.7)	0.95	
Abnormal	25 (14.9)	12 (15.0)	4 (13.8)	9 (15.3)		12 (15.0)	4 (15.4)	1 (7.7)	8 (16.3)		
Ferritin											
Normal	67 (63.8)	29 (61.7)	14 (77.8)	24 (60.0)	0.39	29 (61.7)	11 (64.7)	5 (62.5)	22 (66.7)	0.97	
Abnormal	38 (36.2)	18 (38.3)	4 (22.2)	16 (40.0)		18 (38.3)	6 (35.3)	3 (37.5)	11 (33.3)		
Iron											
Normal	30 (68.2)	17 (73.9)	5 (50.0)	8 (72.7)	0.39	17 (73.9)	2 (33.3)	3 (75.0)	8 (72.7)	0.34	
Abnormal	14 (31.8)	6 (26.1)	5 (50.0)	3 (27.3)		6 (26.1)	4 (66.7)	1 (25.0)	3 (27.3)		
Calcium total											
Normal	62 (74.7)	33 (78.6)	10 (62.5)	19 (76.0)	0.45	33 (78.6)	6 (46.2)	4 (80.0)	19 (82.6)	0.09	
Abnormal	21 (25.3)	9 (21.4)	6 (37.5)	6 (24.0)		9 (21.4)	7 (53.8)	1 (20.0)	4 (17.4)		
Phosphate											
Normal	49 (87.5)	24 (85.7)	11 (91.7)	14 (87.5)	1	24 (85.7)	8 (88.9)	2 (66.7)	15 (93.8)	0.51	
Abnormal	7 (12.5)	4 (14.3)	1 (8.3)	2 (12.5)		4 (14.3)	1 (11.1)	1 (33.3)	1 (6.2)		
IgE total											
Normal	28 (42.4)	14 (41.2)	3 (50.0)	11 (42.3)	1	14 (41.2)	3 (42.9)	2 (50.0)	9 (42.9)	1	
Abnormal	38 (57.6)	20 (58.8)	3 (50.0)	15 (57.7)		20 (58.8)	4 (57.1)	2 (50.0)	12 (57.1)		
Sx1											
Normal	34 (69.4)	16 (61.5)	3 (100.0)	15 (75.0)	0.43	16 (61.5)	3 (100.0)	2 (66.7)	13 (76.5)	0.61	
Abnormal	15 (30.6)	10 (38.5)	0 (0.0)	5 (25.0)		10 (38.5)	0 (0.0)	1 (33.3)	4 (23.5)		

^a χ^2 test or Fisher's exact test, where required. ^bNumbers may not add up to the total due to missing data. Normal ranges of values for laboratory parameters were defined as follows: alkaline phosphatase: 40–129 U/l in males (M) and 35–104 in females (F); alanine transaminase/aspartate transaminase: <50 U/l in M and <35 in F; bilirubin total: <17 μ mol/l; calcium total: 2.2–2.55 mmol/l in M and 2.15–2.50 in F; creatinine: 59–104 μ mol/l in M and 45–84 in F; eosinophils: 0.02–0.4 G/L; ferritin: 20–250 μ g/l in M and 10–120 in F; gamma-GT: <60 U/l in M and <40 in F; haemoglobin: 135–168 g/l in M and 121–154 in F; HbA1c: 4.8–5.9%; IgE total: <70 kU/ml; iron: 11–28 μ mol/l in M and 6.6–26 in F; lactate dehydrogenase: <480 U/l; leucocytes: 3–10.5 G/l; phosphate: 0.81–1.45 mmol/l; Sx1: <0.35 kUA/l; Urea: 3.0–9.2 mmol/l in M and 3.5–7.2 in F; uric acid: <339 μ mol/l; thyroid-stimulating hormone: 0.27–4.2 mIU/l.

gamma-GT: gamma-glutamyltransferase <40 U/l, Sx1: Screening test for specific IgE to aeroallergens (birch, ragweed, timothy, rye, cladosporium, house dust mite, cat epithelium, dog epithelium) < 0.35 kU/l.