

Supplement table 5: Urine and serum S100A8/A9 and S100A12 predict renal disease in White Caucasian SLE patients.

Individual models															
White Caucasian patients				Anti-dsDNA negative			Anti-dsDNA positive			Normal serum complement C3 and/or C4			Low serum complement C3 and/or C4		
	OR (CI)	p value	AUC	OR (CI)	p value	AUC	OR (CI)	p value	AUC	OR (CI)	p	AUC	OR (CI)	p	AUC
Serum S100A8/A9	0.79 (0.46-1.4)	0.414	0.451	0.85 (0.33-2.2)	0.727	0.457	0.76 (0.35-1.7)	0.494	0.439	0.85 (0.31-2.3)	0.743	0.464	0.99 (0.49-2.0)	0.981	0.500
Serum S100A12	0.60 (0.41-0.89)	0.010	0.323	0.61 (0.38-0.98)	0.041	0.265	0.61 (0.33-1.1)	0.119	0.374	0.59 (0.36-0.96)	0.033	0.281	0.72 (0.39-1.3)	0.286	0.426
Urine S100A8/A9	1.5 (1.1-2.1)	0.008	0.644	1.2 (0.75-1.8)	0.493	0.540	1.8 (1.1-2.9)	0.020	0.719	1.3 (0.86-2.0)	0.203	0.588	1.7 (1.0-2.9)	0.036	0.696
Urine S100A12	1.2 (1.0-1.4)	0.028	0.628	1.0 (0.80-1.3)	0.814	0.518	1.3 (0.98-1.7)	0.071	0.664	1.1 (0.86-1.4)	0.457	0.581	1.2 (0.96-1.6)	0.098	0.654
Three analyte panel															
Urine S100A8/A9	1.5 (1.1-2.1)	0.018	0.726	1.2 (0.72-2.1)	0.444	0.730	1.7 (1.0-2.9)	0.052	0.733	1.3 (0.79-2.0)	0.333	0.712	1.7 (0.97-3.0)	0.064	0.742
serum S100A12	0.59 (0.35-1.0)	0.051		0.57 (0.33-0.99)	0.044		0.83 (0.26-2.7)	0.751		0.58 (0.34-1.0)	0.049		0.75 (0.20-2.8)	0.660	
Serum S100A8/A9	1.2 (0.55-2.8)	0.597		0.92 (0.29-2.9)	0.891		0.99 (0.21-4.8)	0.99		1.1 (0.28-3.9)	0.932		1.3 (0.30-6.1)	0.700	
Four analyte model															
Urine S100A8/A9	1.2 (0.84-1.9)	0.279	0.740	1.0 (0.55-2.0)	0.903	0.746	1.6 (0.82-3.0)	0.169	0.749	1.1 (0.62-2.1)	0.684	0.716	1.5 (0.80-2.6)	0.225	0.762
Serum S100A12	0.58 (0.35-0.97)	0.039		0.54 (0.31-0.96)	0.037		0.84 (0.26-2.7)	0.768		0.57 (0.33-0.99)	0.044		0.74 (0.19-2.9)	0.664	
Urine S100A12	1.2 (0.94-1.5)	0.15		1.2 (0.82-1.7)	0.355		1.1 (0.75-1.5)	0.699		1.1 (0.76-1.6)	0.614		1.2 (0.86-1.6)	0.308	
Serum S100A8/A9	1.2 (0.52-2.7)	0.696		0.87 (0.27-2.7)	0.813		0.98 (0.20-4.7)	0.979		1.0 (0.27-3.8)	0.986		1.3 (0.27-6.0)	0.766	

Displayed are odds ratios and area under the curve analyses (AUC) for S100 proteins alone and in combination with outcome of renal disease. Odds ratios (OR), confidence intervals (CI) and p values are displayed.