Table S7: Estimates, their standard errors, test statistic values, p-values and 95% confidence intervals for logit transformed sensitivity and specificity of κ-FLC index and OCB obtained by the bivariate mixed model using CIS and MS patients separately for assay as well as the retransformed sensitivity and specificity estimates.

1) N Latex assay

A1) Variables in the estimation equation	Estimate	Std. Error	z	p-value	95% Confidence Interval lower limit	upper limit
logit(sensitivity) (κ-FLC index)	2.551	0.191	13.354	**< 0.001**	2.177	2.925
logit(sensitivity) (difference of κ-FLC index to OCB)	-0.066	0.274	-0.240	0.811	-0.603	0.472
logit(1- specificity) (κ-FLC index)	-2.291	0.314	-7.295	**< 0.001**	-2.906	-1.675
logit(1-specificity) (difference of κ-FLC index to OCB)	0.142	0.447	-0.317	0.751	-1.018	0.735

B1)	Sensitivity (estimated mean)	Specificity (estimated mean)
κ-FLC index	0.928	0.908
OCB	0.923	0.919

2) Freelite assay

A2) Variables in the estimation equation	Estimate	Std. Error	z	p-value	95% Confidence Interval lower limit	upper limit
logit(sensitivity) (κ-FLC index)	1.701	0.209	8.132	**< 0.001**	1.291	2.111
logit(sensitivity) (difference of κ-FLC index to OCB)	-0.150	0.298	-0.503	0.615	-0.733	0.434
logit(1- specificity) (κ-FLC index)	-1.914	0.124	-15.424	**< 0.001**	-2.157	-1.671
logit(1-specificity) (difference of κ-FLC index to OCB)	-0.446	0.185	-2.411	0.016	-0.809	0.083

B2)	Sensitivity (estimated mean)	Specificity (estimated mean)
κ-FLC index	0.846	0.871
OCB	0.825	0.914

Legend: The bivariate mixed model is computed with the logit-transformed quantities of sensitivity and specificity and estimated via REML (restricted maximum likelihood), these estimates are provided in A). After re-transformation the quantities are easier to interpret and given in B). This analysis included studies with CIS and MS patients and did not include studies with mixed cohorts of CIS/MS patients.

Abbreviations: FLC, free light chain; OCB, oligoclonal bands