

**Table S9:** Estimates, their standard (std.) errors, test statistic values (z), p-values and 95% confidence intervals for logit transformed sensitivity and specificity of  $\kappa$ -FLC index dependent on platform obtained by the bivariate mixed model as well as the retransformed sensitivity and specificity estimates.

A) Variables in the estimation equation	Estimate	Std. Error	z	p-value	95% Confidence Interval	
					lower limit	upper limit
logit(sensitivity) ( $\kappa$ -FLC index)	1.631	0.216	7.542	< 0.001	1.207	2.055
logit(sensitivity) (difference of turbidimetry to nephelometry)	0.638	0.275	2.324	0.020	0.100	1.176
logit(1- specificity) ( $\kappa$ -FLC index)	-1.777	0.218	-8.141	< 0.001	-2.205	-1.349
logit(1-specificity) (difference of turbidimetry to nephelometry)	-0.340	0.274	-1.241	0.215	-0.877	0.197

Note: The reference is Turbidimetry.

B)	Platform	Sensitivity (estimated mean)	Specificity (estimated mean)
$\kappa$ -FLC index	Turbidimetry	0.836 <sup>a</sup>	0.855
	Nephelometry	0.906 <sup>a</sup>	0.893

Note: <sup>a</sup> this difference is statistically significant ( $p = 0.020$ ).

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).

*Abbreviations:* FLC, free light chain