

Supplementary material

Supplemental Table 1: Accuracy of the different humoral alloimmune assays predicting AR and different types of acute rejection

Assay	Accuracy	AR	TCMR	ABMR
CDC-PRA >20%	PPV	31	3	14
	NPV	82	87	95
	Se	17	2	26
	Sp	91	88	90
CDC-PRA >80%	PPV	50	0	37
	NPV	81	88	95
	Se	6	0	16
	Sp	98	97	98
FC-XM +	PPV	47	12	18
	NPV	82	88	95
	Se	12	5	16
	Sp	96	95	96
DSA +	PPV	50	6	33
	NPV	83	88	97
	Se	23	5	53
	Sp	94	90	94
DSAC3d +	PPV	66	5	44
	NPV	83	88	96
	Se	18	2	42
	Sp	98	94	97

CDC-PRA: complement dependent cytotoxicity panel reactive antibodies; FC-XM: Flow cytometry cross match; DSA: donor specific antibody (solid-phase assay); DSAC3d: C3d binding donor specific antibody; AR: acute rejection; TCMR: T cell mediated rejection; ABMR: antibody-mediated rejection; PPV: positive predictive value; NPV: negative predictive value