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AFDT Proficiency Testing Crossmatch Summary Report

Consensus Results - March 2014 / Ev01

Cells 67-68 Serum 159-163

Crossmatch Consensus Summary

Introduction:

Five sera (159-163) were tested with 2 cells (68,68). Survey and graded results were obtained for T-CDC, B-CDC, T-AHG, T-Flow, and B-Flow crossmatches. Consensus (>80%) was obtained for all combinations and methods except Flow-T (68x163) and Flow-B (68x163). For this combination, 76% of the labs called Flow T cell crossmatch Negative and 59% called Flow B cell crossmatch Negative.

XM Consensus

# Labs reporting results:		8		11		10		2		17		17		1		1		
Reg	Cell	Serum	T- CDC	B- CDC	T- AHG	B- AHG	T- Flow	B- Flow	T- Flow	B- Flow	CU SP	N CU SP	CU SP	N CU SP	CU SP	N CU SP		
A	67	159	N	100	N	100	N	100	NG	0	N	94	N	100	NG	0	NG	0
A	67	160	P	100	P	100	P	100	NG	0	P	100	P	100	NG	0	NG	0
A	67	161	P	100	P	91	P	100	NG	0	P	100	P	100	NG	0	NG	0
A	67	162	N	100	N	100	N	100	NG	0	N	100	N	100	NG	0	NG	0
A	67	163	N	100	N	100	N	100	NG	0	P	94	P	81	NG	0	NG	0
A	68	159	N	100	N	100	N	100	NG	100	N	88	N	88	NG	0	NG	0
A	68	160	P	100	P	100	P	100	NG	100	P	100	P	100	NG	0	NG	0
A	68	161	P	100	P	100	P	100	NG	100	P	100	P	100	NG	0	NG	0
A	68	162	N	100	N	100	N	100	NG	100	N	100	N	100	NG	0	NG	0
A	68	163	N	100	N	100	N	100	NG	100	N	76	N	59	NG	0	NG	0

XM Comments:

67x159; 67x162: 68x159; 68x162. Consensus negative; No DSA detected by antibody testing

67x160: Consensus Positive; Donor-specific Antibody detected against anti-A1 and A3

67x161: Consensus Positive; Donor-specific Antibody detected against A1,3; B57; DR52; DQ5

67x 163: Consensus Neg CDC and Pos Flow; Weak DSA against B35 and B57

68x160: Consensus Positive; Donor-specific Antibody detected against A23,33; B7,44; Cw7

68x 161: Consensus Positive; Donor-specific Antibody detected against A23,33; B7; Cw7,15; DR14; DR52; DQ5

68x163; Did not reach consensus, but majority call Neg by all methods. Possible weak DSA against A33, but appears to be below threshold for positive crossmatch in most laboratories.