

514 **Supplementary Table 1: Contributive tests and median delay to obtain diagnosis of congenital toxoplasmosis after birth (N=115)**
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Diagnostic test	Number of neonates	Median time (days) [interquartile range]
Prenatal diagnosis only	4	na
IgA only	5	0 [0; 7.5]
IgA + PCR and/or WB	6	0 [0; 0.25] [§]
IgM only	7	10 [5; 17] [£]
IgM+PCR	3	11 [8; 20]
IgM+WB	7	2 [1 ; 4] [¤]
IgM + IgA	26	8.5 [1; 16]
IgM + IgA + PCR and/or WB	45	3 [1; 6]
WB only	3	1 [0; 2]
PCR only	4	4 [0.75; 27.5]
WB + PCR	1	27
Long term IgG	3	na
Mouse inoculation	1	0

516 [£] One neonate with IgM first detection at 412 days

517 [¤] One neonate with diagnosis at 82 days

518 [§] One neonate with positive IgM WB at 127 days

519 na: not applicable

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522 **Supplementary Table 2: Detailed results of multivariate analysis**

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Test	Variable	No. of Positive tests	No. of Negative tests	Multivariate analysis		
				p	OR	IC 95%
IgM ISAGA	Treatment			0.000	0.117	0.041-0.333
	treated	32	28			
	untreated	49	5			
	Gender			0.021	2.680	1.160-6.192
	male	49	12		(male)	
	female	32	21			
	Center			0.081		
Rennes	33	12				
Belgrade	9	17				
Palo Alto	39	4				
Trimester of infection				0.001	3.417	1.648-7.085
I	5	9				
II	12	16				
III	29	6				
Age at sampling (days), median (interquartile range)	5 (4-20)	3 (0-1)		0.104		
IgG WB	Treatment			0.005	0.115	0.025-0.518
	treated	20	33			
	untreated	14	3			
	Gender			ND		
	male	16	19			
	female	18	17			
	Center			ND		
Rennes	23	21				
Belgrade	11	15				
Palo Alto*	0	0				
Trimester of infection				0.007	2.931	1.348-6.372
I	3	10				

	II	10	16			
	III	21	10			
	Age at sampling (days), median (interquartile range)	1 (0-4)	3(1-9)	0.242		
IgM WB	Treatment			0.002	0.049	0.007-0.322
	treated	29	23			
	untreated	15	2			
	Gender			0.003	0.174	0.055-0.547
	male	15	19		(male)	
	female	29	6			
	Center			0.001	0.099	0.024-0.441
Rennes	32	11				
Belgrade	12	14				
Palo Alto*	0	0				
Trimester of infection			0.000	6.623	2.461-17.874	
I	4	9				
II	12	13				
III	28	3				
	Age at sampling (days), median (interquartile range)	2(1-6)	1(0-4)	0.292		
qPCR	Treatment			0.480	0.292	0.068-0.990
	treated	11	33			
	untreated	17	19			
	Gender			ND		
	male	10	26			
	female	18	26			
	Center			0.019	3.675	1.234-10.946
Rennes	7	27				
Belgrade	11	13				
Palo Alto	10	12				
Trimester of infection			ND			
I	3	8				

	II	6	14			
	III	10	18			
	Age at sampling (days), median (interquartile range)	5 (1-20)	2 (0-7)	0.007	1.091	1.024-1.162

* No data for Palo Alto for this test (this test was not used)

ND : not determined because univariate analysis yielded $p < 0.2$

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