

Performance PrenatalSafe® - Protocollo FAST*: Casistica con follow-up (aggiornamento Dicembre 2016)

	Trisomia 21 (n=36.192)	Trisomia 18 (n=36.192)	Trisomia 13 (n=36.192)	Monosomia X (n=36.192)	XXX (n=36.192)	XXY (n=36.192)	SCA (n=36.192)
Veri positivi	316	68	39	52	25	44	121
Falsi positivi	2	2	3	21	2	6	29
Veri negativi	35.874	36.122	36.234	36.119	36.165	36.142	36.042
Falsi negativi	0	0	0	0	0	0	0
Sensibilità (95% CI)	100.00% (94.72% - 100.00%)	100.00% (94.72% - 100.00%)	100.00% (90.97% - 100.00%)	100.00% (93.15% - 100.00%)	100.00% (86.28% - 100.00%)	100.00% (91.96% - 100.00%)	100.00% (97.00% - 100.00%)
Specificità (95% CI)	99.99% (99.98% - 100.00%)	99.99% (99.98% - 100.00%)	99.99% (99.98% - 100.00%)	99.94% (99.91% - 99.96%)	99.99% (99.98% - 100.00%)	99.98% (99.96% - 99.99%)	99.92% (99.88% - 99.95%)
PPV (95% CI)	99.37% (89.48% - 99.27%)	97.14% (89.48% - 99.27%)	92.86% (80.74% - 97.58%)	71.23% (61.75% - 79.16%)	92.59% (75.76% - 98.04%)	88.00% (76.72% - 94.23%)	80.67% (74.36% - 85.72%)
NPV (95% CI)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)

PPV: Valore Predittivo Positivo NPV: Valore Predittivo Negativo SCA: aneuploidie dei cromosomi sessuali (sono stati esclusi dal calcolo i casi con mosaicismo materno)
* In uso da Settembre 2014. Dati aggiornati da Fiorentino et al., Prenat Diagn 2016 Apr;36(4):304-11

Performance PrenatalSafe® - FAST Protocol*: follow-up (December 2016)

	Trisomy 21 (n=36.192)	Trisomy 18 (n=36.192)	Trisomy 13 (n=36.192)	Monosomy X (n=36.192)	XXX (n=36.192)	XXY (n=36.192)	SCA (n=36.192)
True Positive	316	68	39	52	25	44	121
False Positive	2	2	3	21	2	6	29
True Negative	35.874	36.122	36.234	36.119	36.165	36.142	36.042
False Negative	0	0	0	0	0	0	0
Sensitivity (95% CI)	100.00% (94.72% - 100.00%)	100.00% (94.72% - 100.00%)	100.00% (90.97% - 100.00%)	100.00% (93.15% - 100.00%)	100.00% (86.28% - 100.00%)	100.00% (91.96% - 100.00%)	100.00% (97.00% - 100.00%)
Specificity (95% CI)	99.99% (99.98% - 100.00%)	99.99% (99.98% - 100.00%)	99.99% (99.98% - 100.00%)	99.94% (99.91% - 99.96%)	99.99% (99.98% - 100.00%)	99.98% (99.96% - 99.99%)	99.92% (99.88% - 99.95%)
PPV (95% CI)	99.37% (89.48% - 99.27%)	97.14% (89.48% - 99.27%)	92.86% (80.74% - 97.58%)	71.23% (61.75% - 79.16%)	92.59% (75.76% - 98.04%)	88.00% (76.72% - 94.23%)	80.67% (74.36% - 85.72%)
NPV (95% CI)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)	100.00% (99.98% - 100.00%)

PPV: Positive Predictive Value NPV: Negative Predictive Value SCA: Sex Chromosomes Aneuploidy (cases with maternal mosaicism have been excluded)
* Since September 2014. Updated data from Fiorentino et al., Prenat Diagn 2016 Apr;36(4):304-11