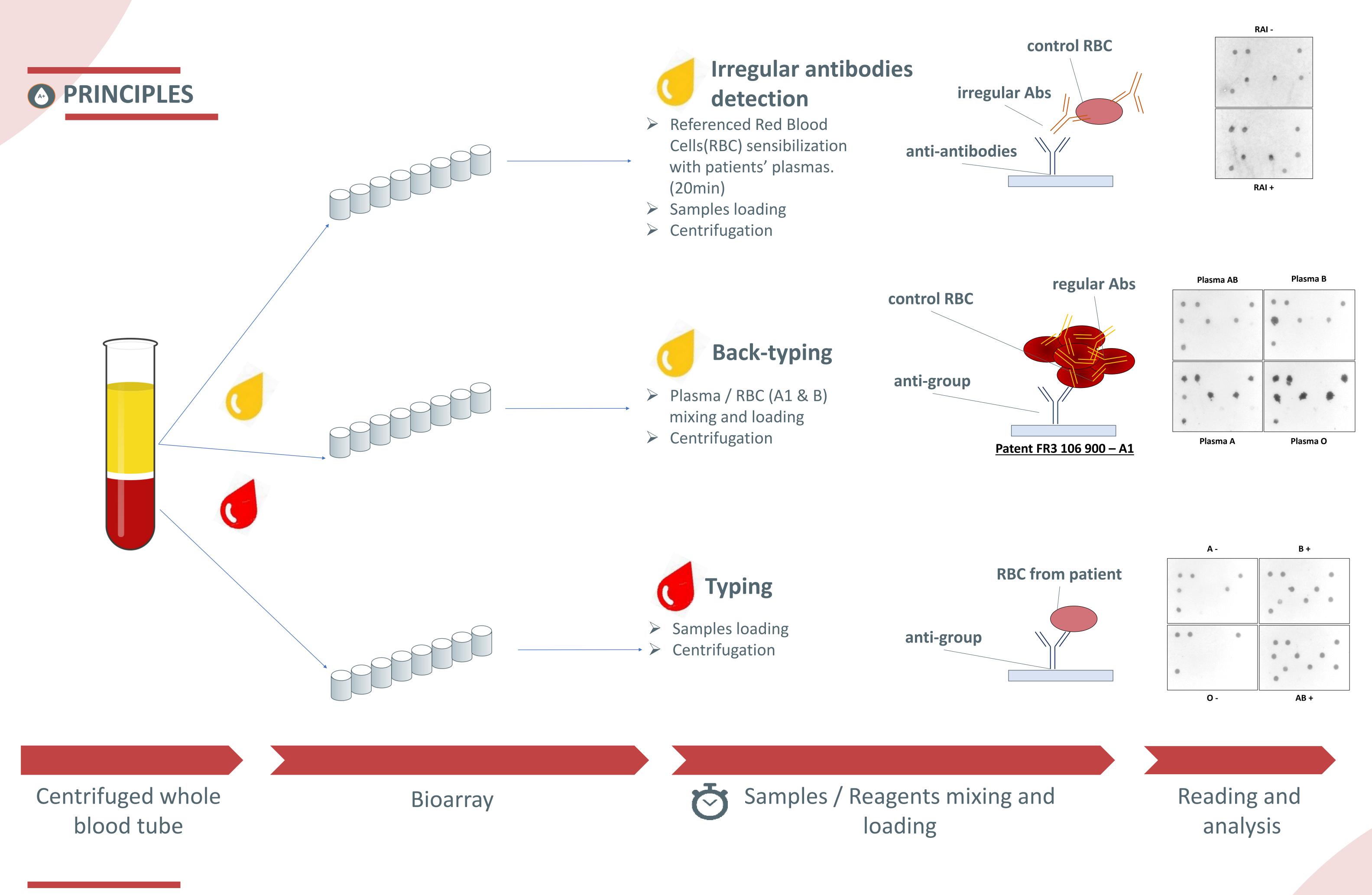
A COMPLETE SOLUTION FOR BLOOD GROUPING



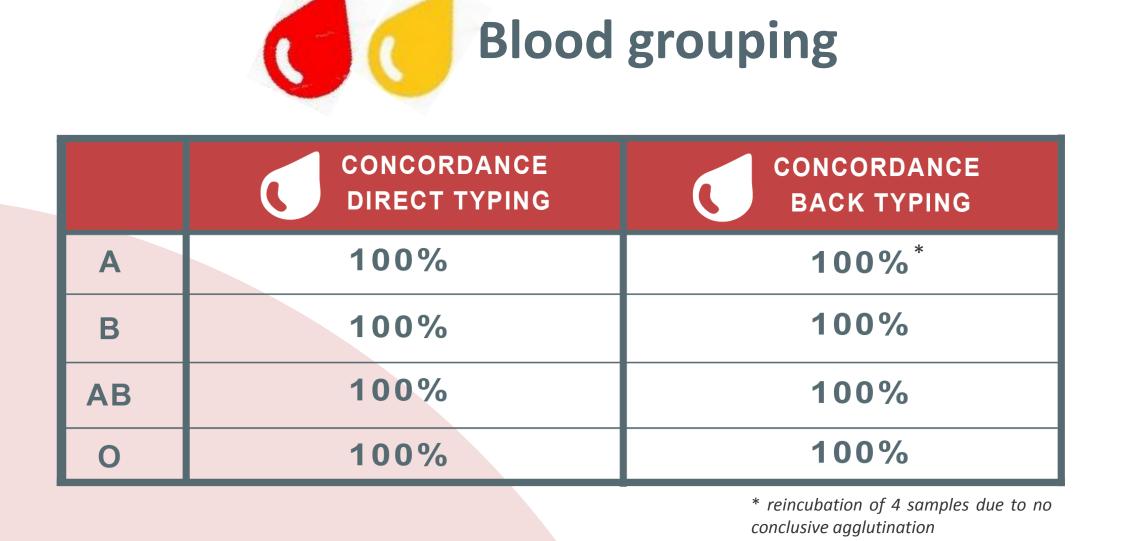
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SirYus-IH is a new blood grouping assay in final development phase, which has the capacity to deliver comprehensive red blood cell typing together with regular and irregular antibodies detection.



RESULTS

SirYus-IH was tested over thousand of samples during the development phase. Last evaluation on 96 samples from French Blood Bank give the following results.



	SPECIFICITY	SENSITIVITY		
ANTI D	100%	100%		
ANTI E	100%	100%		
ANTI C	100%	100%		
ANTI c	100%	100%		
ANTI e	100%	100%		
ANTI K	100%	100%		

		IAT			
	N =	= (96)	SENS	SPEC.	CONC.
	Е	ch.	98%	78% (100%)*	85% (99%)*
			NUMBER	TITRATION MIN.	TITRATION MAX.
ANT	I D		7	1/64	1/256
ANT	l c		8	1	1/32
ANT	ΙE		11	1/4	1/32
ANT	ΙK		11	1/128	1/1024
ANT	I Cw		8	1/2	1/64

CONCLUSION

SirYus-IH is an innovative patented multiplex approach using hemagglutination principles. This method allows the complete blood grouping (ABO, D, IAT and RhKhell) by using only 4 wells instead of tens. The process will require few microliters of samples with a time to results equivalent to gel cards.

