



SirYus-IH

**A COMPLETE
MULTIPLEX
SOLUTION FOR
BLOOD GROUPING**



Understanding life.
innobiochips

ABOUT SIRYUS-IH

The versatility of SirYus-IH offers an easy transfer to existing lab workstation and could replace gel cards in a near future. The SirYus-IH technology's breakthrough enables automated, fast and low-cost multiplex blood grouping tests

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

THE KEY POINTS



EASY TO IMPLEMENT : Same process as gel cards



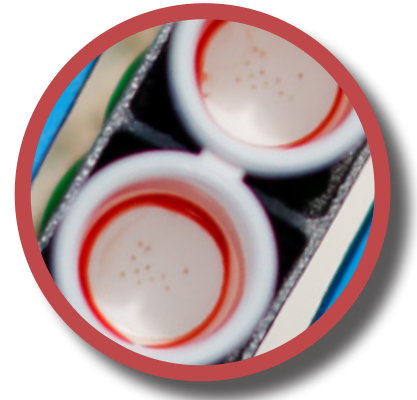
COST REDUCTION : Test wells, reagents and wastes are rationalized





WORKFLOW IMPROVEMENT



PERFORMANCES



COMPLETE BLOOD GROUPING ON 96 WHOLE BLOOD SAMPLES

	 CONCORDANCE DIRECT TYPING	 CONCORDANCE BACK TYPING
A	100%	100%
B	100%	100%
AB	100%	100%
O	100%	100%

* 4 plasmas were reincubated because of non conclusive agglutination.

PHENOTYPING ON 96 WHOLE BLOOD SAMPLES

	 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%

ABOUT INNOBIOCHIPS

We develop the SirYus technology, a disruptive way to design, manufacture and read multiplex immunoassays, paving the way for innovative diagnostics solutions for human health.

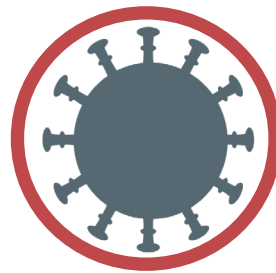
Fast, reliable, powerful: SirYus technology takes in vitro diagnostics to the next level and opens new possibilities.



TRANSPLANTATION



TRANSFUSION



INFECTIOUS
DISEASES



MICROBIOME

CONTACT US



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