



# omnys



## Next Generation Blood Testing

Omnys is based on breakthrough technologies that enable high-resolution testing of blood components : Standard ABO/D typing, Phenotyping, Extended phenotyping and IAT. Omnys enables clinicians to perform multiplex testing with unmatched precision, reliability, efficiency... And minimal sample volumes!

### MULTIPLY LAB PRODUCTIVITY X4

Omnys enables a complete characterization of a blood unit with only 4 to 6 wells.

A real productivity leap over the hands-on time and automate size reduction regarding gel card or microplates based technologies.

### 57% REDUCTION IN CARBON EMISSIONS

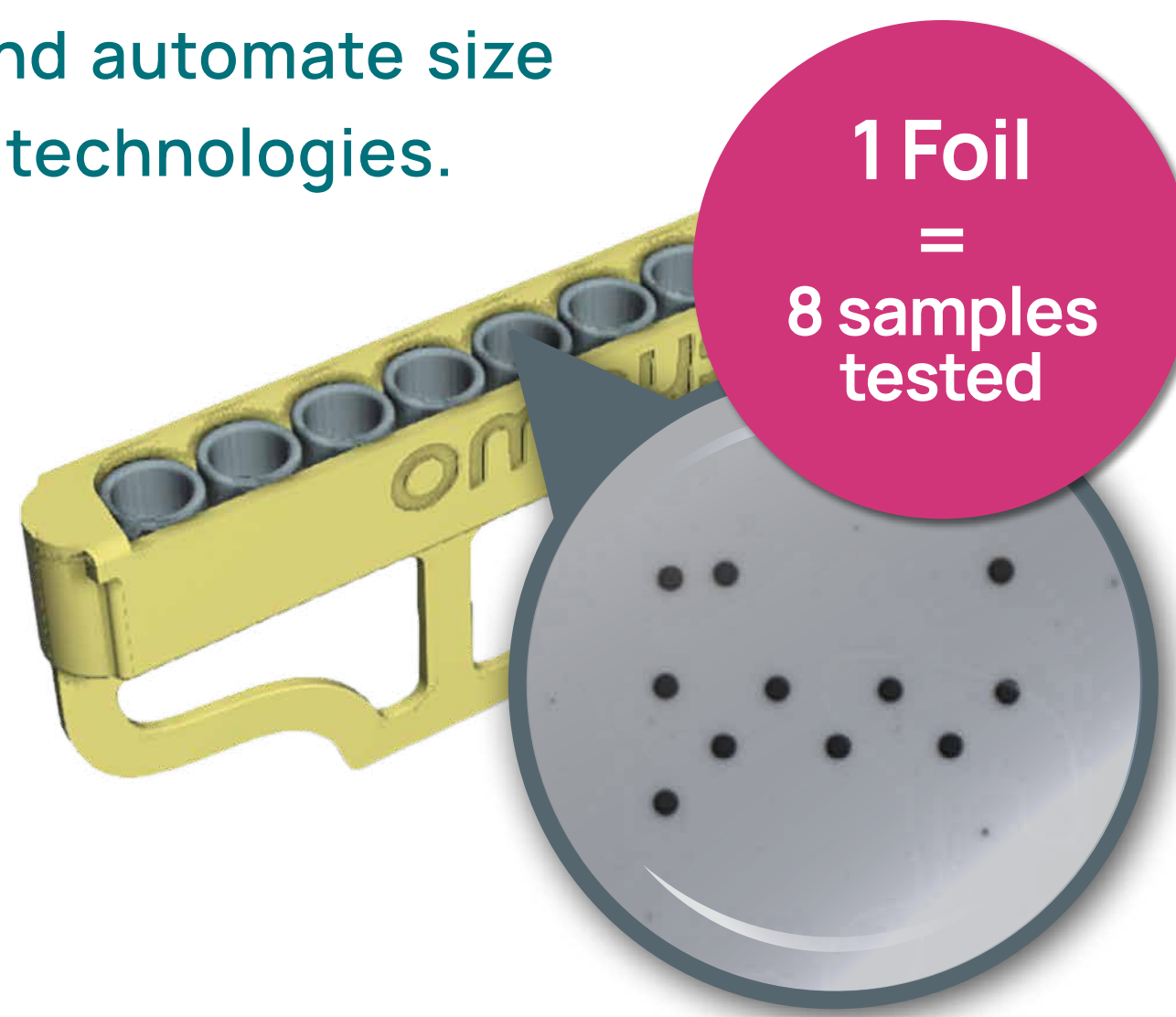
Omnys dramatically reduces the amount of infectious lab waste and plastic needed to perform blood tests, as well as transportation costs.

A tangible diminution of indirect costs!

### ENLARGE SAMPLE CHARACTERIZATION

Move to the next-generation of blood typing and ensure maximum donor/patient compatibility with complementary data and embedded controls at no additional cost.

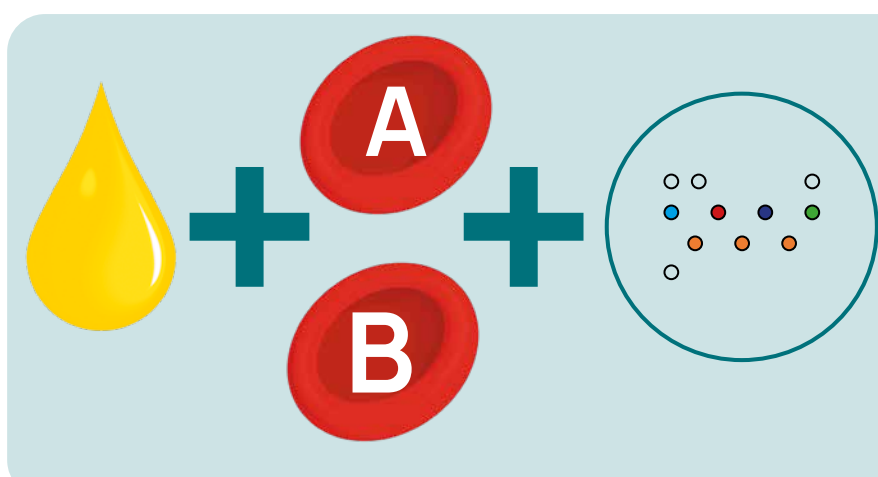
Omnys takes compatibility a step further and fits with regulation expectations.



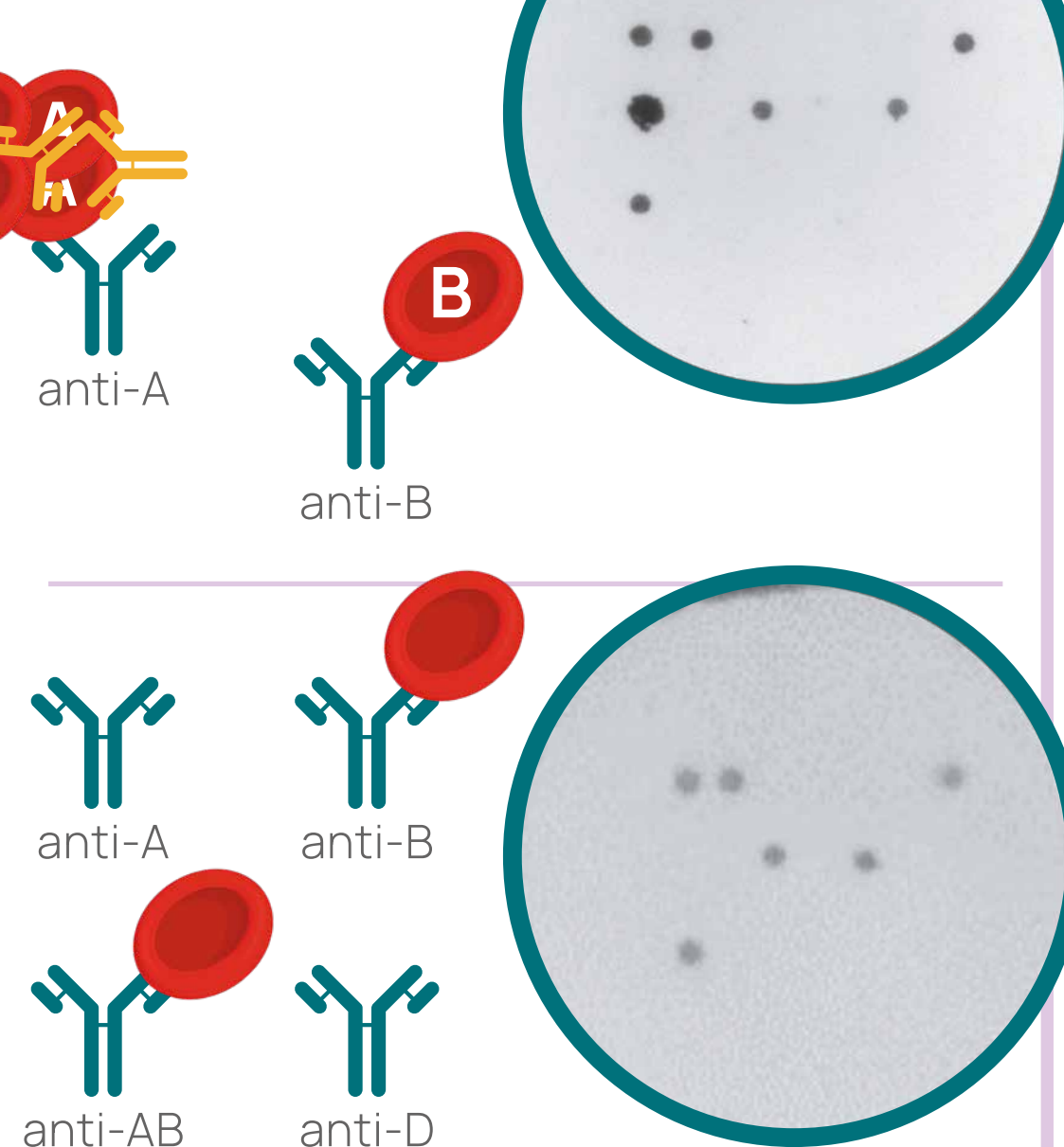
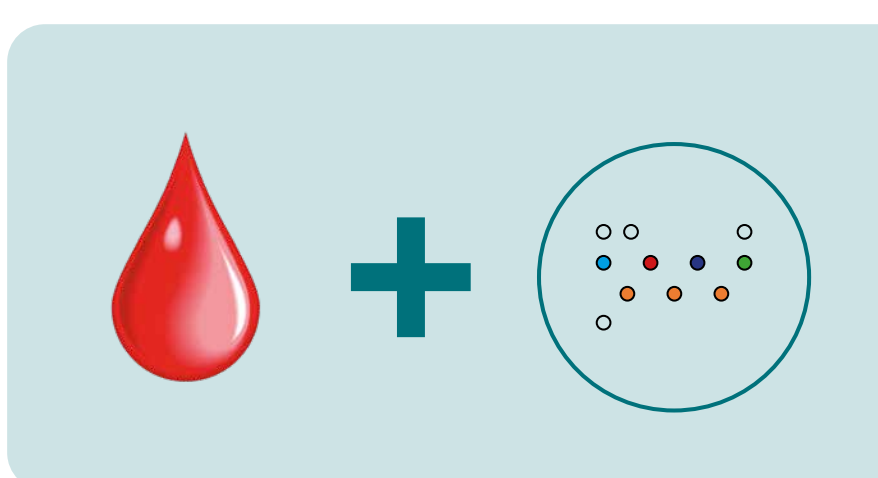
### RESULTS EXAMPLE

#### OMNYS ABO/D

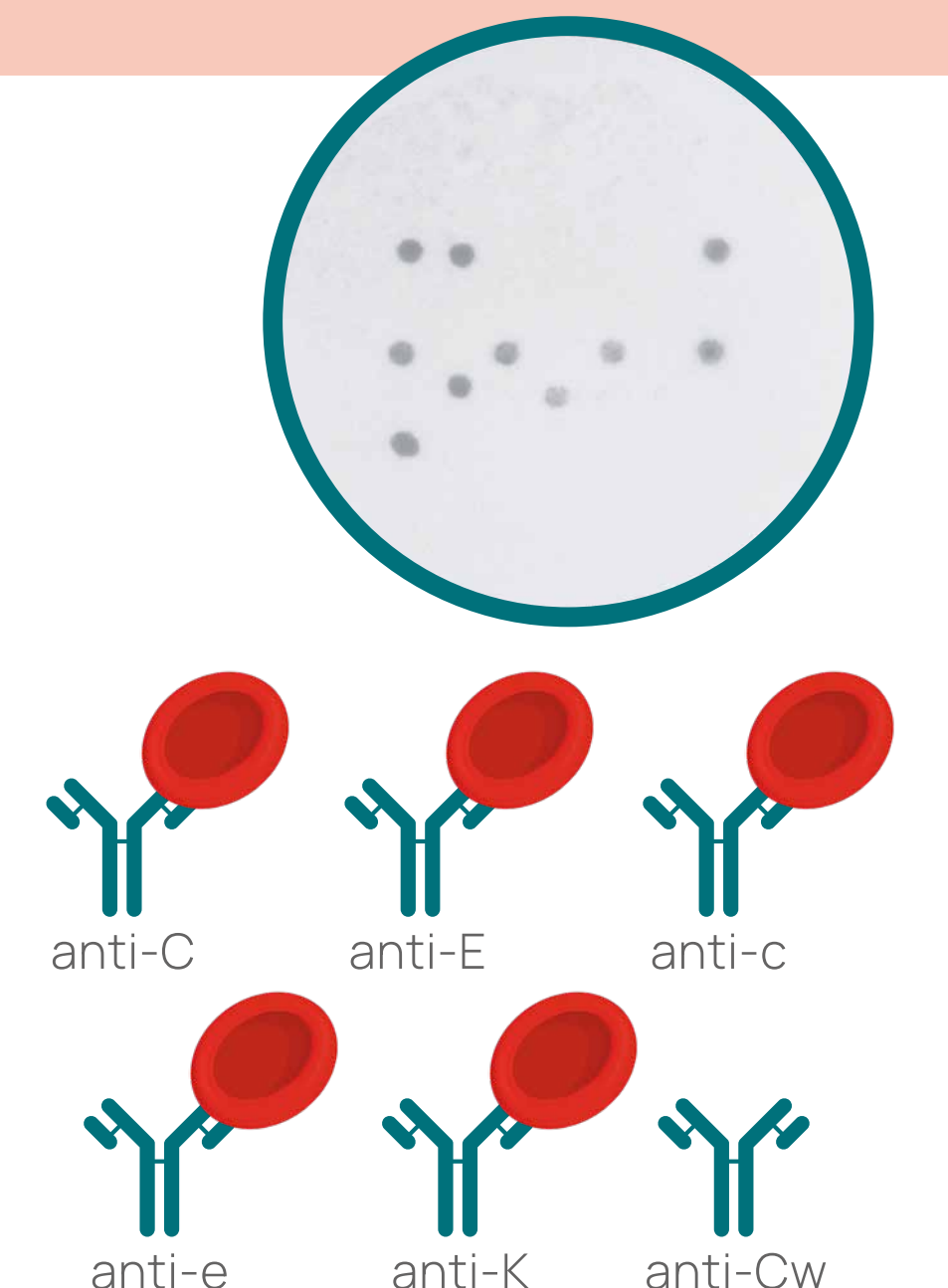
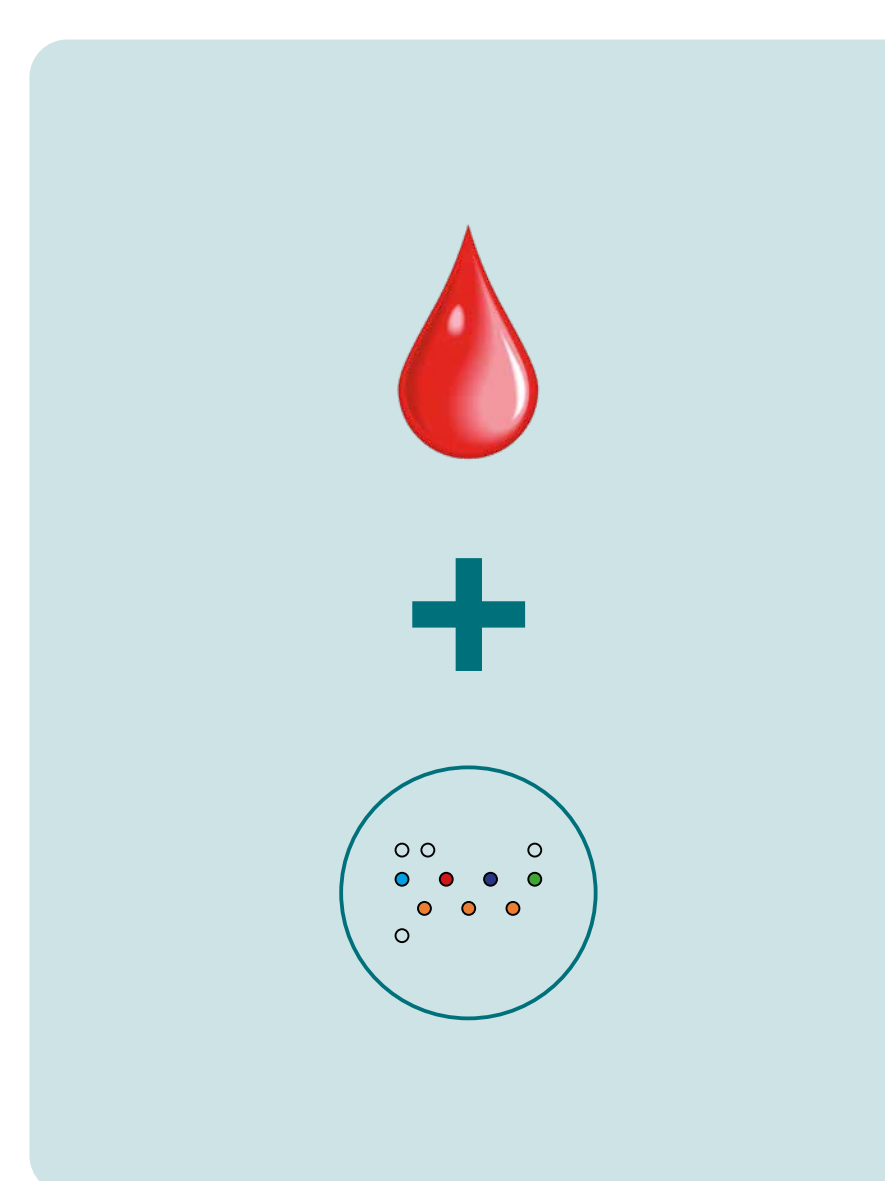
##### BACK TYPING<sup>1,2</sup>



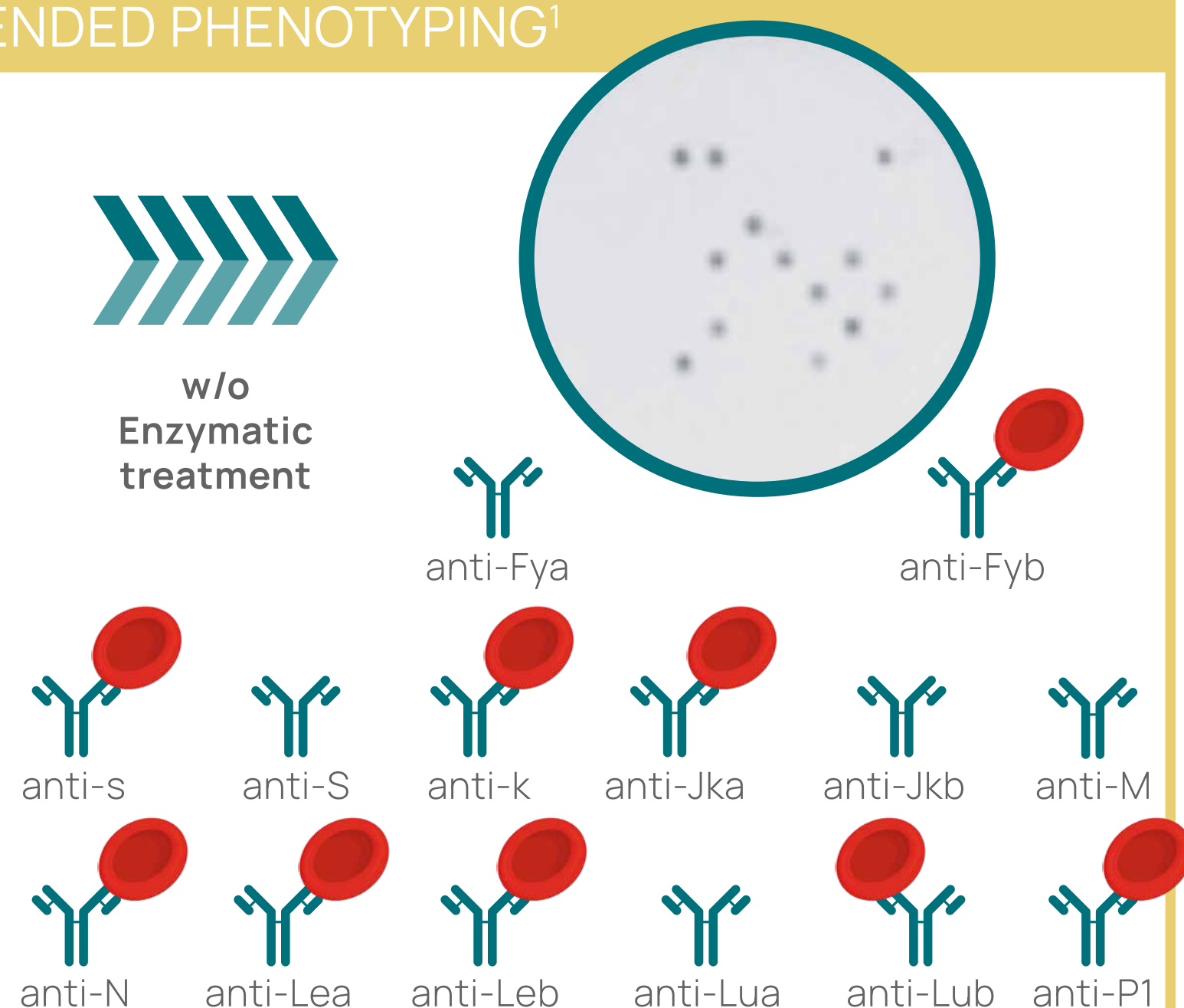
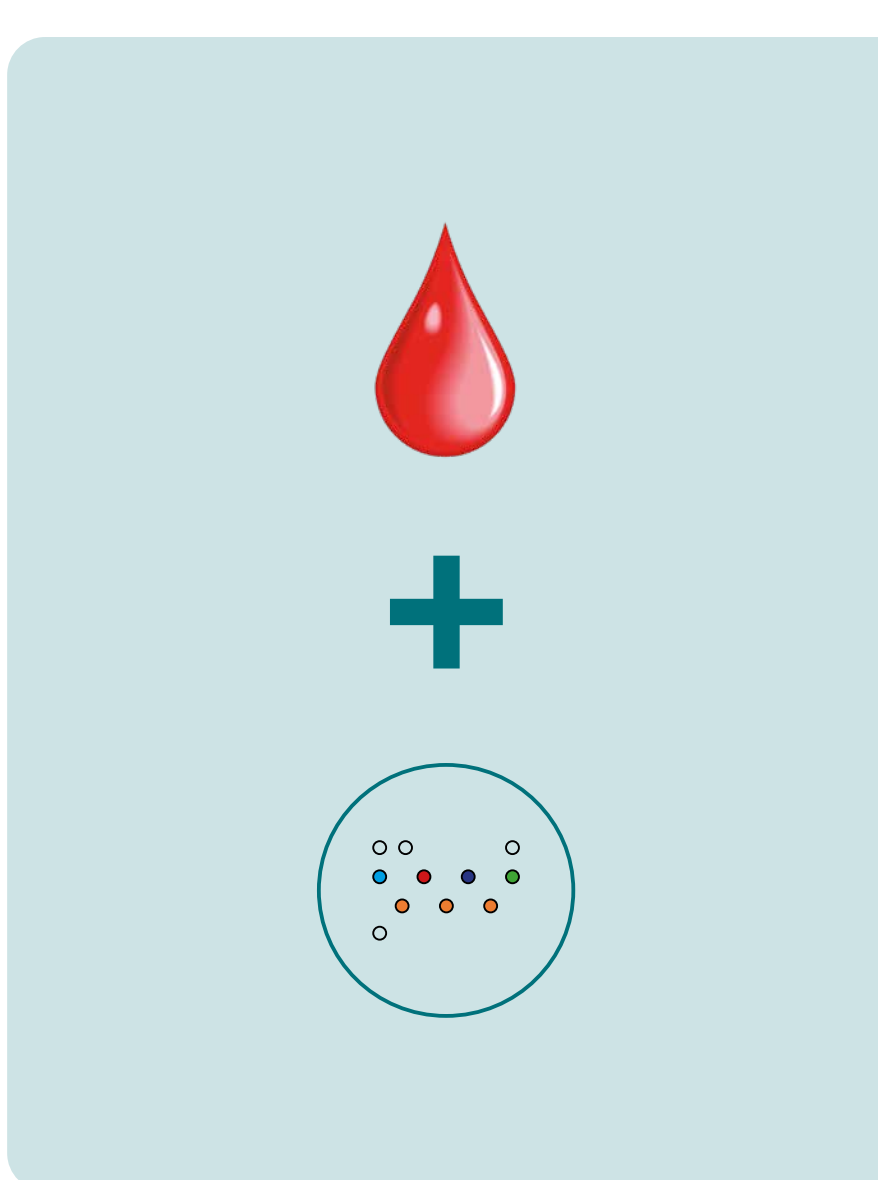
##### DIRECT TYPING<sup>1</sup>



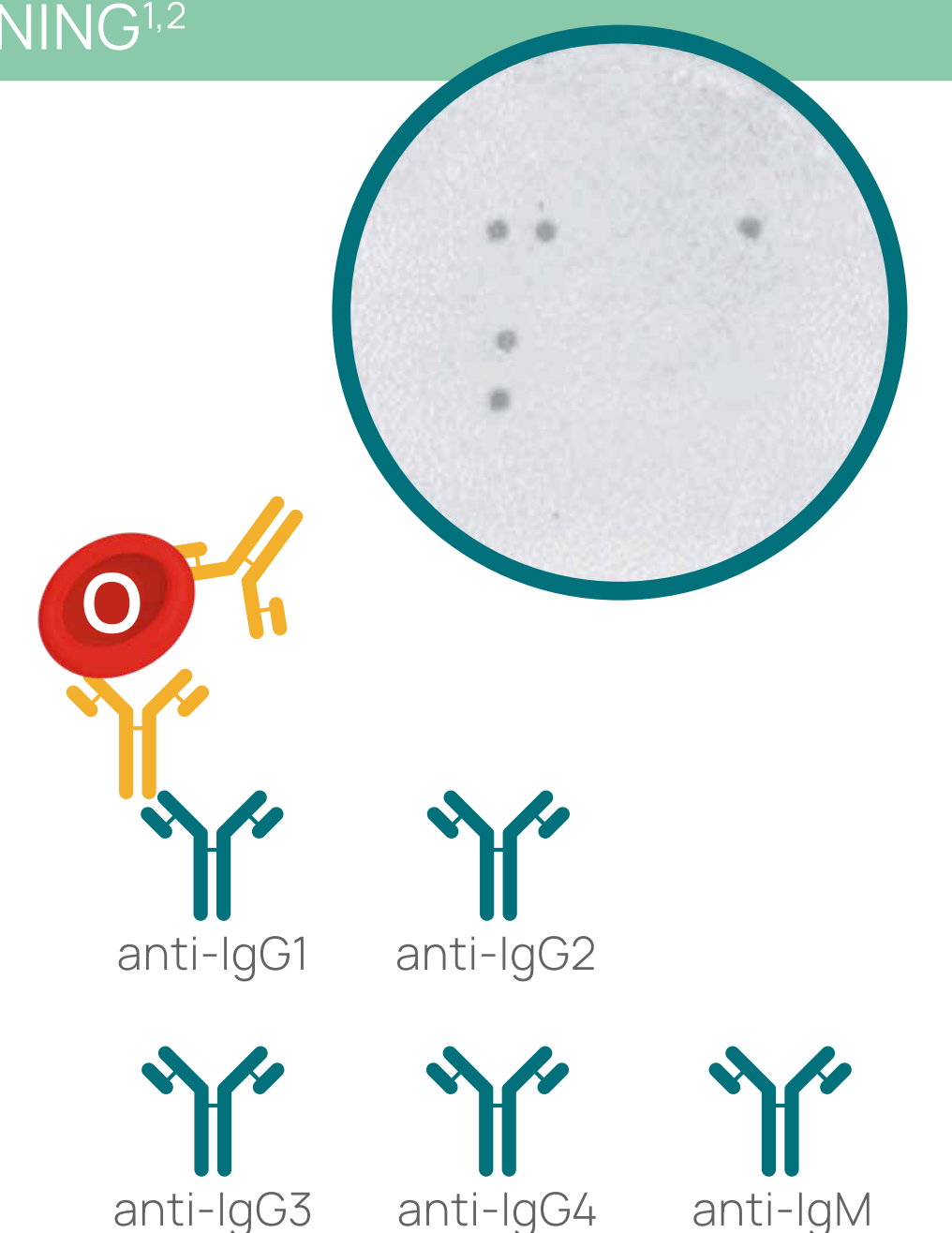
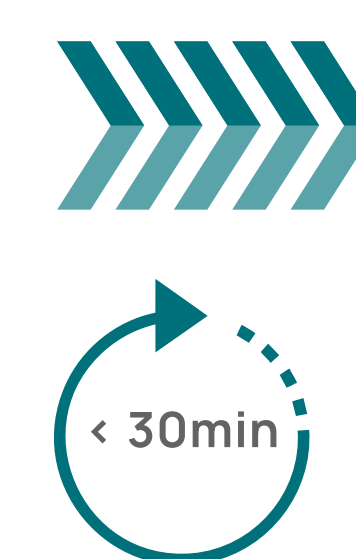
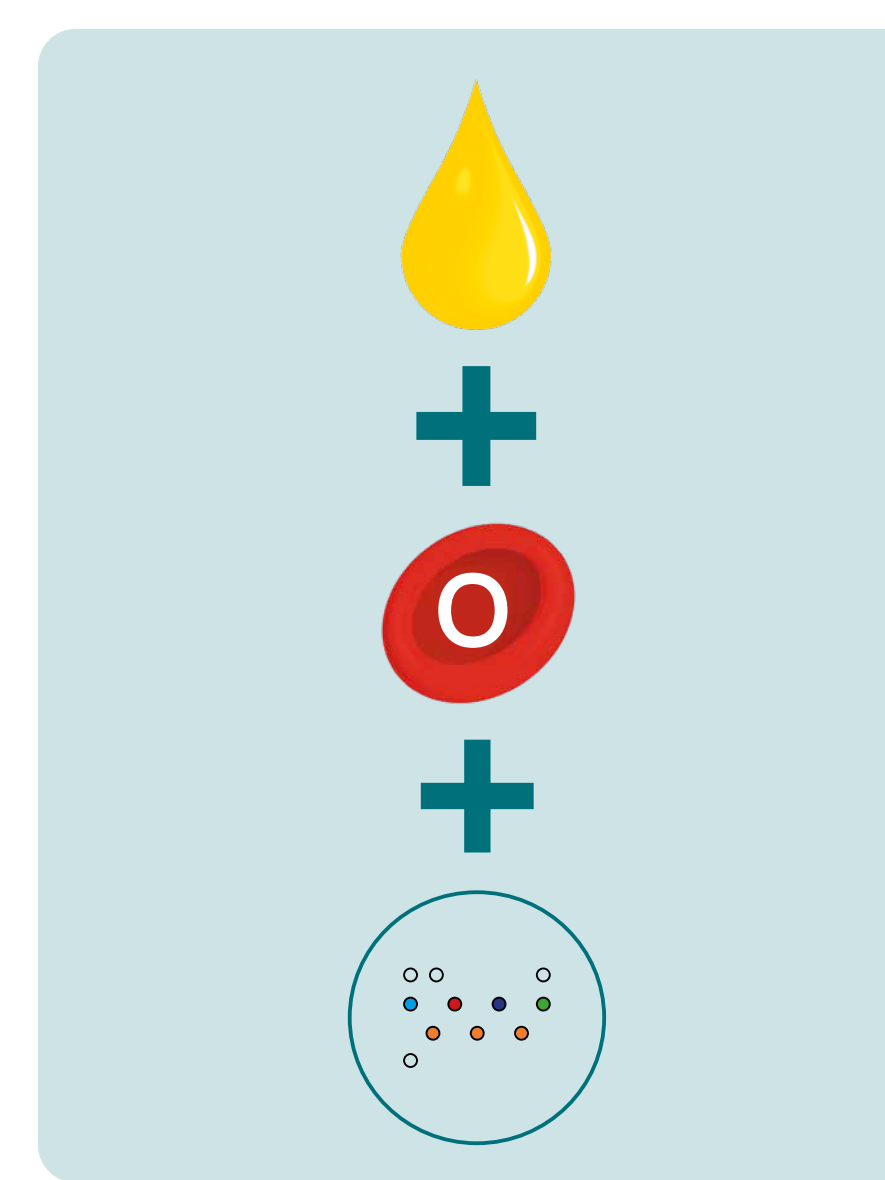
#### OMNYS PHENO PHENOTYPING<sup>1</sup>



#### OMNYS ExtPHENO EXTENDED PHENOTYPING<sup>1</sup>



#### OMNYS IAT ANTIBODY SCREENING<sup>1,2</sup>



Expected results : B, dCEce, K+k+, Cw-, Fy(a-b+), S-s+, Jk(a+b-), M-N+, Le(a+b+), Lu(a-b+), P1+, RAI+

1 : FR2405844 - Dispositif et procédé de centrifugation pour la détection de microparticules dans un échantillon biologique  
2 : WO2021156391 - Method for capturing and identifying cellular agglutinates for detecting multiplex anti-erythrocyte antibodies

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