

Devyser

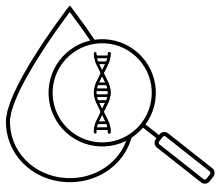
Genomic Blood Typing

A streamlined NGS solution for comprehensive blood typing, covering most relevant red blood cell, platelet, and neutrophil antigens in a single assay.

Devyser Genomic Blood Typing allows comprehensive detection

- 22 blood group systems.
- 32 human platelet antigen (HPA) systems.
- 5 human neutrophil antigen (HNA) systems.

Why choose Devyser Genomic Blood Typing?



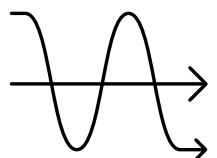
Detects all variant types in one go

Suitable for weak variant antigens, resolving serological genetic discrepancies, and supporting diverse backgrounds. No additional methods are required.



Dedicated software

Advyser Blood Suite offers comprehensive detection of SNVs, Indels, and CNVs. It provides blood typing insights and variant analysis and is aligned with ISBT* standards. The software is easy to use and reduces the need for bioinformatics expertise.



Simple one-day workflow

An efficient and rapid one-tube solution with exceptionally short total assay and hands-on time.

**ISBT: International Society of Blood Transfusion*

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Devyser – a new level of certainty

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Devyser Genomic Blood Typing

Redefining blood typing, simplifying complexity.

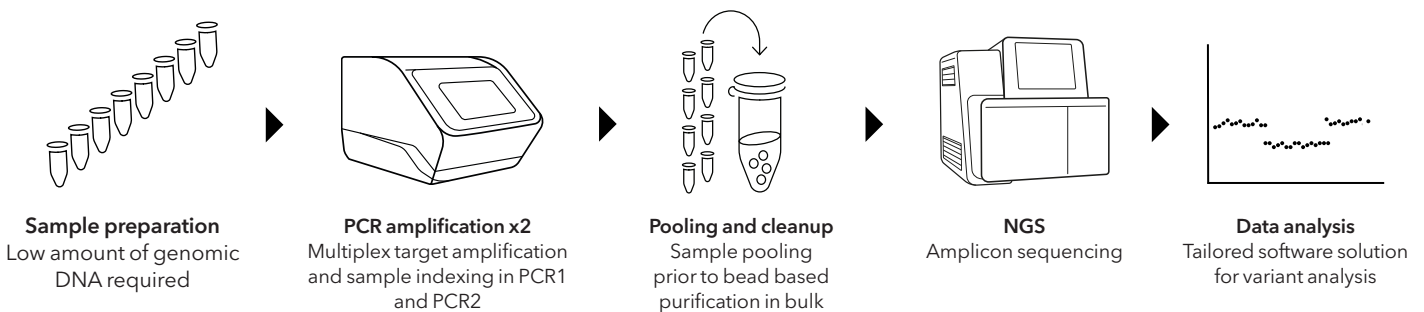
Designed to detect most relevant blood antigens, this high-resolution genetic approach ensures reliable typing, even for complex cases.

Red blood cell antigen systems		
ABO	Dombrock	Cromer
Rh	Lutheran	Knops
Kell	Diego	Indian
MNS	Yt	Ok
Kidd	Scianna	Vel
Duffy	Colton	JohnMilton Hagen
Gerbich	Landsteiner- Wiener	
Rh-associated glycoprotein	P1PK	
<i>All exons and relevant non-coding regions</i>	<i>Relevant regions</i>	

Gene	Human platelet antigen systems
<i>ITGB3</i>	HPA-1, -4, -6, -7, -8, -10, -11, -14, -16, -17, -19, -21, -23, -26, -32, -33, -34, -35
<i>GP1BA</i>	HPA-2
<i>ITGA2B</i>	HPA-3, -9, -20, -22, -24, -27, -28
<i>ITGA2</i>	HPA-5, -13, -18, -25
<i>GP1BB</i>	HPA-12
<i>CD109</i>	HPA-15

Gene	Human neutrophil antigen systems
<i>FCGR3B</i>	HNA-1
<i>CD177</i>	HNA-2
<i>SLC44A2</i>	HNA-3
<i>ITGAM</i>	HNA-4
<i>ITGAL</i>	HNA-5

Simple workflow



Research Use Only. Not for use in diagnostic procedures.

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Article numbers

Devyser Genomic Blood Typing (RUO)

- 24 test kit (8-A419-24)
- 96 test kit (8-A419-96)

Accessories

- Devyser Library Clean 8-A204
- Devyser Index Plate A 8-A200

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