todylaboratories®

Transfusion Reagents

Erythrocytes Control

2027

REAGENTS

SERA FOR BLOOD GROUP & RH DETERMINATION





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Transfusion Reagents

Our offer includes:

- monoclonal sera for blood group determination (CLONE 1 and CLONE 2)
- monoclonal sera for the determination of the antigen D from the Rh system (CLONE 1 and CLONE 2)

The **anti-A**, **anti-B**, **anti-AB** and **anti-D** sera used for ABO blood group determination and Rh determination are ready-to-use monoclonal antibody solutions, derived from specific cell lines (clones).
To meet customer requirements, todylaboratories© provides anti-serums derived from two cell lines, as follows:

			CODE	ML
CLONE 1	11H5	Anti-A IgM - 1 vial x 10ml, 200 tests	101620010	10
	6F9	Anti-B IgM - 1 vial x 10ml, 200 tests	101630010	10
	11H5 + 6F9 + ES-15	Anti-AB IgM - 1 viall x 10ml, 200 tests	101640010	10
	P3X61 + NaTH119 + LOR15C9	Anti-D IgG+IgM - 1 vial x 10ml, 200 tests	101660010	10
		Rh Negative Control - 1 vial x 5ml, 100 tests	102210005	5
CLONE 2	BIRMA-1	Anti-A IgM - 1 vial x 10ml, 200 tests	BG-A10	10
	LB-2	Anti-B IgM - 1 vial x 10ml, 200 tests	BG-B10	10
	ES-4 & ES-15	Anti-AB IgM - 1 viall x 10ml, 200 tests	BG-AB10	10
	RUM-1 & MS-26	Anti-D IgG+IgM - 1 vial x 10ml, 200 tests	BG-D10	10
CLONE 3		Anti-D IgM - 1 vial x 10ml, 200 tests	730010	10
		Rh Negative Control - 1 vial x 10ml, 200 tests	640010	10
		Papain - 1 vial x 5ml	10250005	5
		Anti Human Globulin, Coombs, IgG, Green - 1 vial x 10ml, 200 tests	10180010	10
		Anti Human Globulin, Coombs, IgG, Green - 1 vial x 10ml, 200 tests	435010	10
		Serological Albumin, 22% - 1 vial x10ml	BG221010-1	10
		Serological Albumin, 22% - 10 vials x10ml	BG221010	100

Blood group determination in the AB0 system can be performed both by the **Beth-Vincent** direct method (with anti-A, anti-B and anti-AB sera) and by the **Simonin** indirect method (with control test erythrocytes).
In order to eliminate any possible error in determining the blood group, it is necessary to perform both procedures.
The **Beth-Vincent** direct method identifies the presence of ABO antigens on the erythrocyte surface.
The **Simonin** indirect method identifies the presence in serum of anti-A and anti-B antibodies.
Determination of Rh(D) antigen in Rh system is performed by direct agglutination method, using anti-D sera.
It is recommended to use **Rh Control** for checking anti-Rh(D) monoclonal serum; a negative reaction of this control provides the assurance that the positive results obtained with Monoclonal Anti-Rh(D) are due to the specific antigen-antibody reaction.
Reagents for determination of ABO Blood Groups and Rh(D):

- are produced in full compliance with the recommendations of the British Guide for Blood Transfusion Services
- contain mouse monoclonal antibodies
- are supplied at optimum dilution for use with the following working techniques: in tubes, microplates or glass slides
- the quality of reagents for the determination of blood groups is continuously evaluated by our quality managers.



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todylaboratories®
Responsible diagnostic. Since 1993.