

OBG DAT SCREEN



INTRODUCTION:

Antibody screening is the most reliable and sensitive method of detecting a clinically significant antibody. This test contains antibodies to human IgG and a murine monoclonal antibody to C3 (class IgG). The antihuman globulin test is used in numerous ways in pretransfusion and compatibility testing. The Direct Antiglobulin Test (DAT) is used to detect in-vivo sensitization and detects antibodies on a patient's red cells. Red cell alloantibodies bring about red cell destruction by activating complement, leading to lysis.

INTENDED USE:

This test distinguishes red blood cells sensitized in-vivo by IgG type immunoglobulins or the complement C3d in gel technique.

KIT CONTENTS:

50 OBG OBG DAT Screen gel cards.

1 gel card contains 8x1 microtubes

Ready to use. Contains Sodium azide as preservative.

Each microtube of the card contains buffered gel medium with preservative and mixed different reagent.

microtube IgG : Polyclonal anti-IgG (derived from rabbits)

microtube C3d : Monoclonal anti-C3d IgM (clone BRIC-8)

microtube AHG : Mixture of polyclonal anti-IgG(derived from rabbits) and monoclonal anti-C3d IgM(clone BRIC-8)

microtube Ctl : Neutral gel without antibodies

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