A COMPLETE PANEL OF **TESTS** FOR THE **SEROLOGICAL** DIAGNOSIS OF **EPSTEIN-BARR** INFECTION

EBV

EPSTEIN-BARR VIRUS

Single test ready to use device

Convenient packaging 6 X 6 devices in resealable pouches

Truly walk-away instrument

Reduction of the turn-around time

DIESSE

INNOVATIVE CLINICAL DIAGNOSTIC SYSTEMS

E P S T E I N - B A R R   V I R U S

Epstein-Barr virus (Herpes virus 4) is one of the most widespread viruses in the world, so much so that approximately 95% of the adult population have antibodies against it.

The most common syndrome caused by the Epstein-Barr virus is Infectious Mononucleosis (IMN), characterised by fever, sore throat, lymphadenitis and tiredness, which mainly affects children and adolescents. The illness is transmitted by interpersonal contact, through saliva, and this is why mononucleosis is also called the "kissing disease". Epstein-Barr virus is also associated with some lymphoproliferative disorders and various tumours.
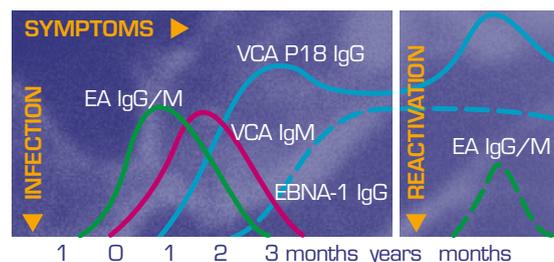
Diagnosis if IMN has historically been done by searching for the so-called heterophile antibodies by means of the Paul Bunnel reaction. However, these antibodies cannot be detected in approximately 40% of children less than 5 years of age, therefore the test is not very sensitive for one of the population group at the highest risk of contracting the disease.

Even though IMN itself is not a dangerous syndrome, the differential diagnosis becomes clinically very important so that other more serious infectious diseases with similar symptoms (toxoplasmosis, HIV infection, etc.) can be excluded. For this, specific tests are required that can detect antibodies produced against viral proteins expressed in different stages of the infection.

In association with the Chorus automated system, the DIESSE Diagnostica Senese SpA offers a full range of diagnostic kits that provide rapid and accurate serological diagnosis of infection by Epstein-Barr virus using ready-to-use and single determination devices.

KIT	COD.	CONF.
Chorus EPSTEIN-BARR VCA IgG II	81053	36 det.

Kit for determining the IgG-class antibodies to Epstein-Barr virus capsid antigen in human serum. Complete with calibrator and control

Chorus EPSTEIN-BARR VCA IgM II	81054	36 det.

Kit for determining the IgM-class antibodies to Epstein-Barr virus capsid antigen in human serum. Complete with calibrator and control

Chorus EPSTEIN-BARR EBNA IgG	81057	36 det.

Kit for determining the IgG-class antibodies to Epstein-Barr virus nuclear antigen in human serum. Complete with calibrator and control

Chorus EPSTEIN-BARR Early Antigen IgG	81058	36 det.

Kit for determining the IgG-class antibodies to Epstein-Barr virus early antigen in human serum. Complete with calibrator and control

Chorus EPSTEIN-BARR Early Antigen IgM	81059	36 det.

Kit for determining the IgM-class antibodies to Epstein-Barr virus early antigen in human serum. Complete with calibrator and control