

Infectious Disease

LIAISON[®] Biotrin Parvovirus B19 IgG, IgM

Biotrin quality. Total automation

DiaSorin

The Diagnostic Specialist

FOR OUTSIDE THE US AND CANADA ONLY

Confidence in Your Results

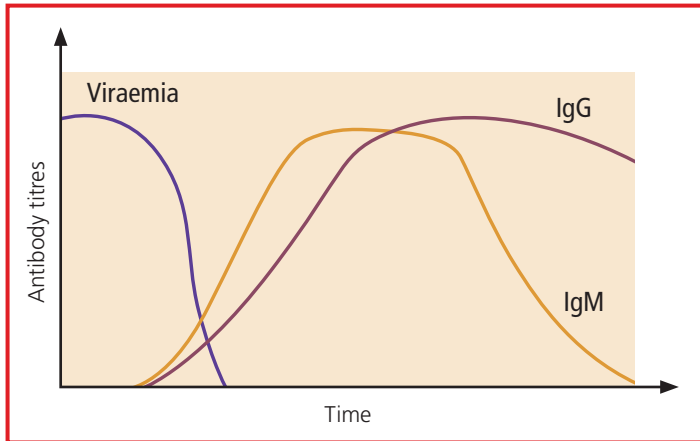
LIAISON®

LIAISON® Biotrin Parvovirus B19 IgG, IgM

The unique technological advantages of the LIAISON® systems and the superior quality of the Biotrin Parvovirus B19 ELISA

Parvovirus B19 is an erythrovirus that has been associated to a growing number of clinical presentations, the two most important being Fifth Disease in children and fetal complications during pregnancy. Observed in outbreaks, parvovirus B19 is highly contagious and presents children, especially in the age group 4-11 with fever, muscle pains, arthralgia and a characteristic facial rash. In pregnancy, infection of the fetus during the first 28 weeks of term, can lead to cardiac failure, spontaneous abortion, or fetal hydrops. It is estimated that every year, in a population such as that of the European Union, there are more than 1.2 million pregnant women who are at risk of infection. Screening for IgG antibodies to parvovirus B19 allows the pregnant woman to know whether she is immune to infection. In parallel, the detection of IgM antibodies will alert the clinician to a current parvovirus B19 infection.

DiaSorin has collaborated with Biotrin International (Dublin, Ireland) to transfer the very successful Biotrin ELISA parvovirus B19 antibody detection technology to its LIAISON® fully automated platform. Due to exclusive antigen expression system in baculovirus, and unique assay features such as the direct IgM capture system, Biotrin has been the reference assay and market leader in parvovirus B19 diagnostics for over 10 years. Laboratories and clinicians can now benefit from all the features of the Biotrin EIA kits, but with the added technological advantages of full automation on the LIAISON® instrument. Consequently, it is important to identify the Parvovirus B19 antibody status in individuals who may be at risk of infection.



IgG	IgM	Diagnostic
Negative	Negative	No infection
Positive	Negative	Past infection
Negative	Positive	Acute infection
Positive	Positive	Acute infection

Main Features of LIAISON® Parvovirus B19 assays

- Number of tests: 50
- Solid phase: Recombinant VP2 (expressed in baculovirus)
- Label: Isoluminol derivative
- Method: CLIA
- Qualitative assays
- Sample type: Serum/Plasma

Ordering Information

LIAISON® Biotrin Parvovirus B19 IgG (code 317000)
LIAISON® Biotrin Parvovirus B19 IgM (code 317010)

Flexibility enables quick and accurate results

- High throughput
- Two-point recalibration stable for 4 weeks
- Quantitative determinations of IgG
- Direct IgM capture assay
- Sample volume: 20 µl

LIAISON® Biotrin Control Parvovirus B19 IgG (code 317001)
LIAISON® Biotrin Control Parvovirus B19 IgM (code 317011)

AVAILABLE ON **LIAISON®** SYSTEMS

Product availability subject to required regulatory approval



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