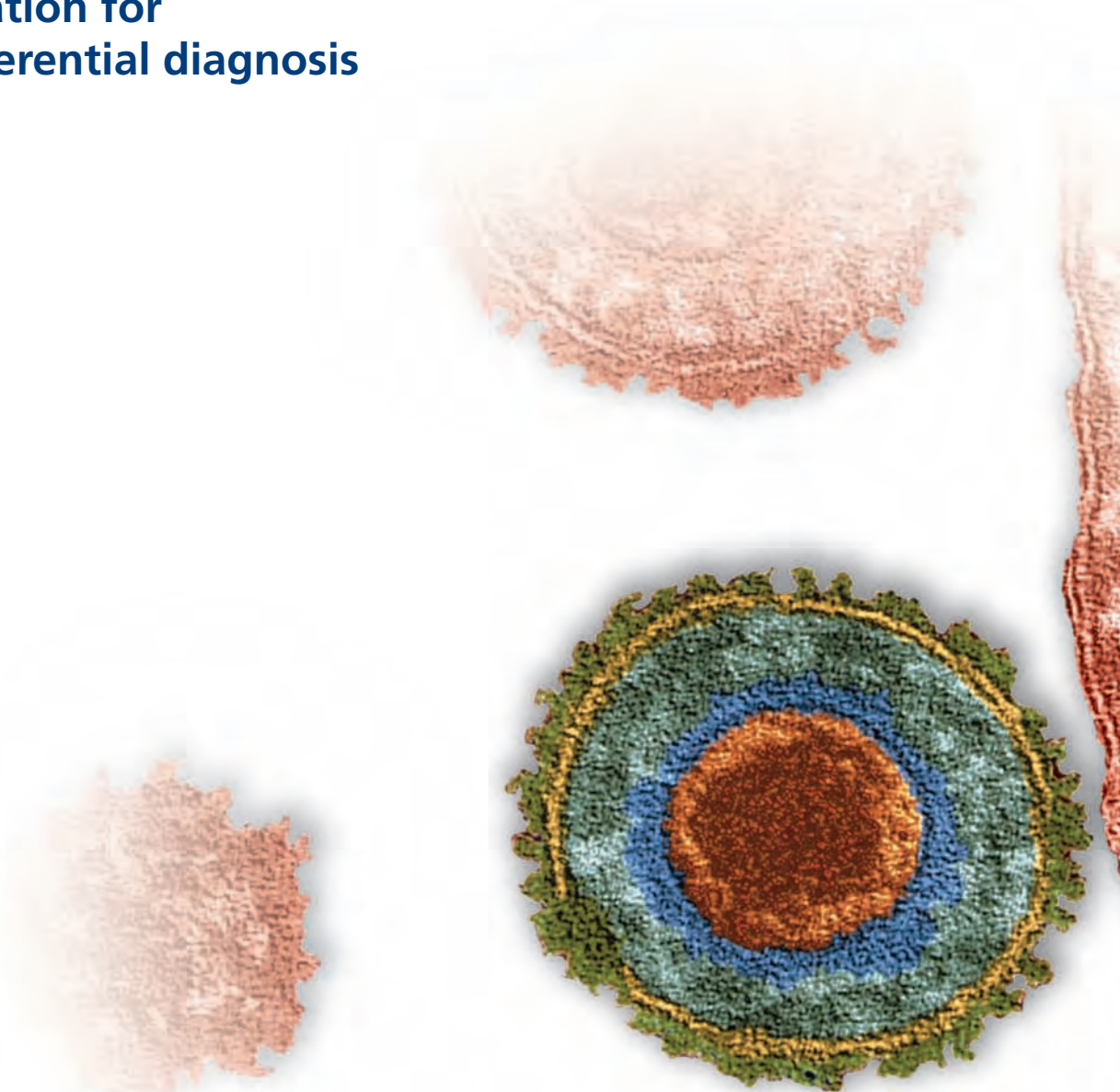


# Herpes Simplex Virus

HSV-1/2 IgG, HSV-2 IgG,  
HSV-1 IgG, HSV-1/2 IgM

Total automation for  
accurate differential diagnosis



# Confidence in Your Results

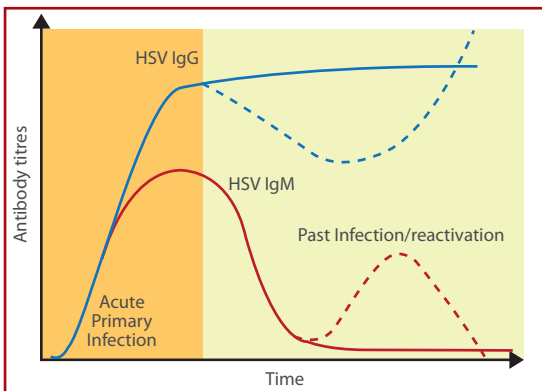
## LIAISON®

### Herpes Simplex Virus Antibodies

Accurate differential diagnosis? LIAISON® HSV assay panel is the solution

Genital herpes simplex virus (HSV) infection in pregnant women is associated with risk of viral transmission to the infant at delivery. The identification of risk pregnancies is necessary to avoid life-threatening consequences in newborns. Herpes simplex virus type 2 (HSV-2) is the main cause of genital herpes. HSV-2 reactivation or primary infection during pregnancy is common, but the risk of associated neonatal HSV-2 infection is 10 times greater for women with primary infection in the last trimester of pregnancy. Since most individuals infected with HSV-2 are asymptomatic, the serological evaluation of HSV-2 infection can reduce viral transmission. However, serological diagnosis of HSV-2 infection has been difficult, since discrimination between HSV-1 and HSV-2 specific antibodies in serum

is complicated by the shared antigenicity of the two viruses and consequently by their considerable cross-reactivity. DiaSorin Liaison® serology line has been developed to solve such diagnostic ambiguities. The determination of type-specific antibodies to glycoprotein G2 allows the laboratory to establish a specific diagnosis of HSV-2 infection in a fully automated Liaison® environment. LIAISON® HSV-1 IgG assay, based on recombinant gG1 antigen, allows accurate and type-specific detection of IgG antibodies to herpes simplex virus type 1. A highly specific and sensitive screening tool for determination of IgG antibodies to HSV-1 and HSV-2 as well as a complementary test for detection of Immunoglobulin M have been developed to complete the line.



HSV-1/2 IgG, HSV-2 IgG			HSV-1 IgG, HSV-2 IgG		
HSV-1/2 IgG	HSV-2 IgG	Diagnosis	HSV-1 IgG	HSV-2 IgG	Diagnosis
-	-	Not exposed	-	-	Not exposed
+	-	HSV-1 infection	+	-	HSV-1 infection
-	+	HSV-2 infection or HSV-1 and HSV-2 associated infections	-	+	HSV-2 infection
+	+		+	+	HSV-1 and HSV-2 associated infections

IgM HSV antibodies may occur in both primary and recurrent infections

#### ■ Main Features of HSV assays

- Number of tests: 100
- Solid phase: Recombinant antigens
- Label: Isoluminol derivative
- Method: CLIA
- Assay format: Qualitative
- Sample type: Serum/Plasma

#### ■ Flexibility enables quick and accurate results

- High throughput:
  - HSV-1/2 IgG, HSV-2 IgG, HSV-1 IgG: 90 results/hour
  - HSV-1/2 IgM: 45 results/hour
- Time to first result: 35 min
- Reagent stability on board: 4/8 weeks
- Two-point recalibration, stable for 4 weeks
- Sample volume: 10-40 µL

#### Ordering information

LIAISON® HSV-1/2 IgG (code 310800)  
 LIAISON® HSV-2 IgG (code 310810)  
 LIAISON® HSV-1 Type Specific IgG (code 310830)  
 LIAISON® HSV-1/2 IgM (code 310820)

LIAISON® control HSV-1/2 IgG (code 310801)  
 LIAISON® control HSV-2 IgG (code 310811)  
 LIAISON® control HSV-1 IgG (code 310831)  
 LIAISON® control HSV-1/2 IgM (code 310821)

DiaSorin

The Diagnostic Specialist

DiaSorin S.p.A.  
 Via Crescentino  
 13040 Saluggia (VC) - Italy  
 Tel. +39.0161.487526  
 Fax: +39.0161.487670  
 www.diasorin.com  
 E-mail: info@diasorin.it

