

BIOMÉRIEUX



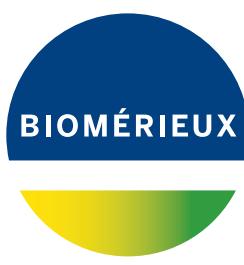
HSV1 HSV2 R-GENE® VZV R-GENE®

REAL TIME PCR ASSAYS - ARGENE® TRANSPLANT RANGE

The power of true experience



PIONEERING DIAGNOSTICS



HSV1 HSV2 R-GENE® VZV R-GENE®

KEY FEATURES

- Ready-to-use reagents
- 2 complete qualitative kits
- Simultaneous detection and discrimination of HSV1 and HSV2
- Detection of VZV
- Validated on most relevant sample types
- Validated with the major extraction and amplification platforms
- Designed for low to high throughput analysis
- Same procedure for all the ARGENE® Transplant kits

TECHNICAL INFORMATION

ORDERING INFORMATION	HSV1 HSV2 R-GENE® - Ref. 71-021		VZV R-GENE® - Ref. 71-022
Parameters	HSV1	HSV2	VZV
Gene target	US7	UL27	gp19 protein
Validated specimens	CSF, Whole blood, Plasma, BAL, Mucocutaneous swabs, Anogenital swabs, Throat swabs	CSF, Whole blood, Plasma, BAL, Mucocutaneous swabs, Anogenital swabs, Throat swabs	CSF, Whole blood, Plasma, Mucocutaneous swabs
Limit of Detection (LoD 95%)	CSF: 2.4 log ₁₀ copies/mL Whole Blood, Plasma, BAL: 2.7 log ₁₀ copies/mL Swabs: 3.0 log ₁₀ copies/mL	CSF: 2.0 log ₁₀ copies/mL Whole Blood, Plasma, BAL: 2.0 log ₁₀ copies/mL Swabs: 3.0 log ₁₀ copies/mL	CSF: 2.5 log ₁₀ copies/mL Whole Blood, Plasma: 2.7 log ₁₀ copies/mL Swabs: 3.0 log ₁₀ copies/mL
Type of kit	Real-time detection kit		
Validated extraction platforms	EMAG®, NUCLISENS® easyMAG®, MagNA Pure 96, QIAsymphony SP		
Validated amplification platforms	ABI 7500 Fast, ABI 7500 Fast Dx, LightCycler 480 (System II), Rotor-Gene Q, CFX96		
Controls included	Extraction / Inhibition Control, Negative Control, Positive Control		
PCR Protocol	Same PCR program as other ARGENE® Transplant kits Same PCR program as ENTEROVIRUS R-GENE® and Parechovirus R-GENE®		
Number of tests	60 tests		
Storage conditions	-15°C / -31°C		
Status	For <i>in vitro</i> diagnostic use, CE-IVD marking		

OTHER ARGENE® TRANSPLANT KITS

- EBV R-GENE® (69-002B) • CMV R-GENE® (69-003B) • HHV6 R-GENE® (69-006B)
- ADENOVIRUS R-GENE® (69-010B) • BK Virus R-GENE® (69-013B)
- Parvovirus B19 R-GENE® (69-019B) • HSV1&2 VZV R-GENE® (69-014B)

OTHER ARGENE® KITS

- ENTEROVIRUS R-GENE® (69-005B)
- Parechovirus R-GENE® (71-020)

REFERENCES

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3. Burrel S, Boutolleau D. Virus herpes simplex. EMC – Maladies Infectieuses 2014; 11(4): 1-19
4. Widener et al. Herpes simplex virus. Handbook of Clinical Neurology 2014; 123(11): 251-263
5. Wang et al. Herpes Zoster and Immunogenicity and Safety of Zoster Vaccines in Transplant Patients: A Narrative Review of the Litterature. Front Immunol 2018; 9(1632) : 1-11

