



HELINI *Biomolecules*



- CE-IVD Certified
- Compatible with all reputed Real-time PCR machines
- High Sensitivity & reliability with endogenous control
- Pack sizes - 25 tests / 50 tests / 100 tests
- Easy to use & Economically priced

Our kits are compatible with

Agilent, Bio-Rad, Roche Lightcycler-96, Roche-Z480/Cobas-480, Applied Biosystems [ABI], Thermo-Piko-Real, Rotor gene 5/6plex, Alta-96, Cepheid Real time PCR machines

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HELINI WSSV Real time PCR kit



Cat. No	Description	Pack size
6001	HELINI WSSV real-time PCR kit	25/50/100

Specificity	White spot syndrome virus [WSSV]		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	Shrimp housekeeping gene as Endogenous control Validates sample purification efficiency, biological status of the sample and PCR inhibition status.		
Detection channels	FAM – WSSV / HEX - Endogenous control		
Reaction volume	Reaction final volume: 25μl - DNA input volume: 10μl		

HELINI IHHNV Real time PCR kit

Cat. No	Description	Pack size
6002	HELINI IHHNV Real-time PCR kit	25/50/100

Specificity	Infectious hypodermal and hematopoietic necrosis virus		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	Shrimp housekeeping gene as Endogenous control Validates sample purification efficiency, biological status of the sample and PCR inhibition status.		
Detection channels	FAM – IHHNV / HEX – Endogenous control		
Reaction volume	Reaction final volume: 25μl - DNA input volume: 10μl		



HELINI EHP Real time PCR kit



Cat. No	Description	Pack size
6003	HELINI EHP Real-time PCR kit	25/50/100

Specificity	Enterocytozoon hepatopenaei		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	<p>Shrimp housekeeping gene as Endogenous control</p> <p>Validates sample purification efficiency, biological status of the sample and PCR inhibition status.</p>		
Detection channels	FAM – EHP / HEX – Endogenous control		
Reaction volume	Reaction final volume: 25μl - DNA input volume: 10μl		

HELINI EMS Real time PCR kit

Cat. No	Description	Pack size
6004	HELINI EMS Real-time PCR kit	25/50/100

Specificity	Vibrio parahaemolyticus [Early mortality syndrome]		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	<p>Shrimp housekeeping gene as Endogenous control</p> <p>Validates sample purification efficiency, biological status of the sample and PCR inhibition status.</p>		
Detection channels	FAM – EMS / HEX – Endogenous control		
Reaction volume	Reaction final volume: 25μl - DNA input volume: 10μl		



HELINI Vibrio Real time PCR kit



Cat. No	Description	Pack size
6005	HELINI Vibrio Real-time PCR Kit	25/50/100

Specificity	Vibrio species		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	Internal control – Validates sample purification efficiency and PCR inhibition status.		
Detection channels	FAM – Vibrio / HEX – Internal control		
Reaction volume	Reaction final volume: 25μl - DNA input volume: 10μl		

HELINI TSV Real time PCR kit

Cat. No	Description	Pack size
6006	HELINI TSV Real-time PCR Kit	25/50/100

Specificity	Taura syndrome virus		
Sensitivity	1 copy/ μ l	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/ μ l
Assay control	Shrimp housekeeping gene as Endogenous control Validates sample purification efficiency, biological status of the sample and PCR inhibition status.		
Detection channels	FAM – TSV / HEX – Endogenous control		
Reaction volume	Reaction final volume: 25 μ l - RNA input volume: 10 μ l		



HELINI YHV Real time PCR kit



Cat. No	Description	Pack size
6007	HELINI YHV Real-time PCR kit	25/50/100

Specificity	Yellow head virus		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	Endogenous control – Validates sample purification efficiency, biological status of the sample and PCR inhibition status.		
Detection channels	FAM – YHV / HEX – Endogenous control		
Reaction volume	Reaction final volume: 25μl - RNA input volume: 10μl		

HELINI CMNV Real time PCR kit

Cat. No	Description	Pack size
6008	HELINI CMNV Real-time PCR kit	25/50/100

Specificity	Covert Mortality Nodavirus		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	Shrimp housekeeping gene as Endogenous control Validates sample purification efficiency, biological status of the sample and PCR inhibition status.		
Detection channels	FAM – CMNV / HEX – Endogenous control		
Reaction volume	Reaction final volume: 25μl - RNA input volume: 10μl		



HELINI SHIV Real time PCR kit



Cat. No	Description	Pack size
6009	HELINI SHIV Real-time PCR kit	25/50/100

Specificity	Shrimp hemocyte iridescent virus		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	Endogenous control – Validates sample purification efficiency, biological status of the sample and PCR inhibition status.		
Detection channels	FAM – SHIV / HEX – Endogenous control		
Reaction volume	Reaction final volume: 25μl - DNA input volume: 10μl		

HELINI IMNV Real time PCR kit

Cat. No	Description	Pack size
6010	HELINI IMNV Real-time PCR kit	25/50/100

Specificity	Infectious Myonecrosis Virus		
Sensitivity	1 copy/μl	Dynamic Linear range	1.00E+09 to 1.00E+00 copies/μl
Assay control	<p>Shrimp housekeeping gene as Endogenous control</p> <p>Validates sample purification efficiency, biological status of the sample and PCR inhibition status.</p>		
Detection channels	FAM – SHIV / HEX – Endogenous control		
Reaction volume	Reaction final volume: 25μl - DNA input volume: 10μl		



Viral DNA/RNA Purification kit



Cat. No	Description	Pack size
2010	HELINI Shrimp viral nucleic acid mini spin prep kit	25/50/100
2012	HELINI Purefast Soil DNA purification buffers	100prep

Yield	Max.20µg	Concentration	20ng to 200ng/µl
Samples	Any biological shrimp's samples, culture and water samples		
Kit components	Lysis buffer, Proteinase K, Wash buffers, Elution buffers, Spin columns with collection tube and Instruction manual		

Gel based PCR kits

Cat. No	Description	Pack size
6501	HELINI WSSV PCR kit	50/100
6502	HELINI IHNV PCR kit	50/100
6503	HELINI EHP PCR kit	50/100
6504	HELINI EMS PCR kit	50/100
6508	HELINI CMNV PCR kit	50/100
6509	HELINI SHIV PCR kit	50/100
6510	HELINI IMNV PCR kit	50/100
	Kit components	
	RedDye PCR master mix, Pathogen Primer Mix, Shrimp gene Primer mix, Positive control, PCR grade water and Instruction manual	

