



# Molecular diagnostics

## Real-time PCR reagents

### OPTIMIZED FOR HIGH THROUGHPUT SYSTEMS



Available now

- **Adenovirus**
- ***Candida auris***
- **HHV-6**
- **HSV 1&2**
- **OPXV**
- **Parvovirus B19**

In development

- **Borrelia**
- **HDV**
- **HSV 1&2 / VZV**
- **Legionella**
- ***M. pneumoniae***
- **Norovirus GI/II**
- ***P. jirovecii***

- ◆ Optimize your existing capacity using our high throughput "HT" reagents
- ◆ Reagents are compatible with the **open utility channel** of high throughput real-time PCR platforms

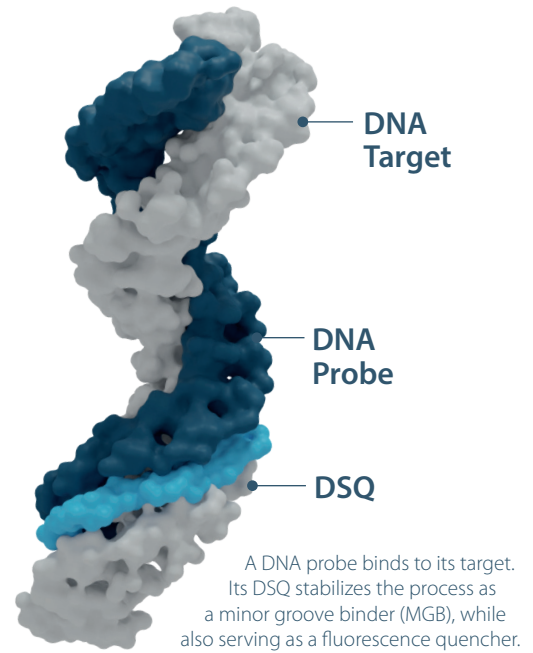
## ► PRODUCT PRINCIPLES

DSQ Alert™ products are designed with ELITechGroup MDx's proprietary DSQ hydrolysis probe chemistry, the next evolutionary step in our innovative real-time PCR chemistry. DSQ probes are labeled with a fluorophore and a duplex stabilizing quencher (DSQ) that serves as a combined fluorescence quencher and DNA double helix stabilizer.

## ► REAGENT DESCRIPTIONS

The DSQ Alert HT family of reagents is compatible with the open utility channel of high throughput real-time PCR platforms. The reagents are configured to be added directly to the utility channel reagent kits.

Each DSQ Alert HT product is a ready-to-use mix of primer and probe sets, specific to each of the pathogen targets. Probes are labeled with FAM or our proprietary AquaPhluor® (AP) fluorophore and a DSQ. Primers are chemically modified to improve specificity of nucleic acid amplification. DSQ Alert HT reagents are formulated to work optimally with the master mix and the internal control used with the open utility channel.



PRODUCT NAME	PRODUCT TYPE	# REACTIONS	REPORTABLE RESULTS	GENE TARGET / REGION
DSQ Alert HT <b>Adenovirus</b> RUO Detection Reagent	RUO <sup>‡</sup>	192	Adenovirus	Adenovirus hexon protein gene
DSQ Alert HT <b>Candida auris</b> Primer Mix ASR	ASR <sup>§</sup>	192	<i>Candida auris</i>	Internal Transcribed Spacer 2 (ITS2) region
DSQ Alert HT <b>Candida auris</b> Probe Mix ASR	ASR	192	<i>Candida auris</i>	Internal Transcribed Spacer 2 (ITS2) region
DSQ Alert HT <b>HHV-6</b> RUO Detection Reagent	RUO	192	HHV-6A and HHV-6B	HHV-6A envelope glycoprotein H gene HHV-6B hypothetical protein gene
DSQ Alert HT <b>HSV 1&amp;2</b> RUO Detection Reagent	RUO	192	HSV-1 and HSV-2	HSV-1 glycoprotein D gene HSV-2 glycoprotein G gene
DSQ Alert HT <b>OPXV</b> RUO Detection Reagent	RUO	192	Orthopox	Orthopox OPG071 gene
DSQ Alert HT <b>Parvovirus B19</b> RUO Detection Reagent	RUO	192	Parvovirus B19	Parvovirus B19 VP1u gene

<sup>‡</sup>Analyte Specific Reagent. Analytical and performance characteristics are not established.

<sup>§</sup>Research use only. Not for use in diagnostic procedures.

## ► ORDERING INFORMATION

ELITechGroup MDx PART NUMBER	PRODUCT DESCRIPTION
M400858	DSQ Alert HT <b>Adenovirus</b> RUO Detection Reagent
M800760	DSQ Alert HT <b>Candida auris</b> Primer Mix ASR
M800761	DSQ Alert HT <b>Candida auris</b> Probe Mix ASR
M400866	DSQ Alert HT <b>HHV-6 A&amp;B</b> RUO Detection Reagent
M400865	DSQ Alert HT <b>HSV 1&amp;2</b> RUO Detection Reagent
M400856	DSQ Alert HT <b>OPXV</b> RUO Detection Reagent
M400857	DSQ Alert HT <b>Parvovirus B19</b> RUO Detection Reagent

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