



Molecular Diagnostics

**REAL-TIME PCR REAGENTS  
OPTIMIZED FOR HIGH  
THROUGHPUT SYSTEMS**



- ◆ Optimize existing capacity on your high throughput system
- ◆ High throughput or “HT” reagents feature primer chemistry modifications optimized for high throughput systems
- ◆ Compatible with the open utility channel of high throughput real-time PCR platforms



## ▶ PRODUCT PRINCIPLES

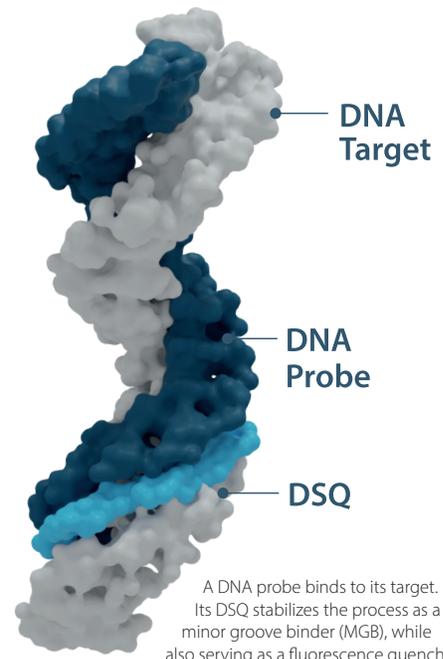
DSQ Alert® products are designed with Bruker's proprietary DSQ hydrolysis probe chemistry, the next evolutionary step in our innovative real-time PCR chemistry. DSQ probes are labeled with a fluorophore and with a duplex stabilizing quencher (DSQ) that serves as a combined fluorescence quencher and DNA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

## ▶ OPTIMIZED DETECTION TARGETS

Designed to support open utility channel real-time PCR assay development.



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THE FULL  
CATALOG



[www.egmdx.com/  
high-throughput-  
reagents](http://www.egmdx.com/high-throughput-reagents)

Adenovirus

Parvovirus B19

HHV6 A & B

*P. jirovecii*

*C. auris*

HSV 1 & 2

Norovirus  
GI & GII

HAV

HDV

JCV

Legionella

Mycoplasma  
& Ureaplasma

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