

Molecular Devices Analyst HT



Manufacturer: Molecular Devices Corporation
Model Number: Analyst-HT
Web Address: www.moleculardevices.com

Specifically developed to meet the challenges of HTS, Analyst HT delivers unparalleled multi-mode assay detection performance in a system optimized for seamless integration into the automated HTS bioassay environment. It offers detection based on fluorescence intensity, fluorescence polarization, time-resolved fluorescence resonance energy transfer (TR-FRET), luminescence and absorbance.

Reader: Commands

▶ **swversion()** - Retrieves the version number of the software.

▶ **format(microplate)** - Sets a new microplate format.

microplate	String	Specifies the microplate format.
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▶ **methodid(methodID)** - Sets the method identifier which appears in the MethodID field of the verbose report.

methodID	String	Specifies the method identifier.
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▶ **plateid(plateID)** - Sets the microplate identifier which appears in the verbose report.

plateID	String	Specifies the microplate identifier.
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▶ **mode(methodName)** - Sets the currently configured detection method. When a detection method is selected, the instrument is configured according to settings retained for that method.

methodName	String	Specifies the detection method as one of the following: f, fpp, fps, l, trf, a, fljl, fppjl, fpsjl, lumjl, trfljl, aljl.
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▶ **busy()** - Returns the current busy state of the device.

▶ **load()** - Loads the microplate.

▶ **eject()** - Moves the plate gripper to the eject position.

▶ **read()** - Starts the reading of wells according to the current method.

▶ **read(expression)** - Starts the reading of wells according to the current method.

expression	String	Expression which consists of one or more parameters to specify the detection method, well sequences, data processing operators and report generation format.
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▶ **start()** - Loads the microplate, starts the reading of wells according to the current method and ejects the plate.

▶ **start(expression)** - Loads the microplate, starts the reading of wells according to the current method and ejects the plate.

expression	String	Expression which consists of one or more parameters to specify the detection method, well sequences, data processing operators and report generation format.
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Reader: Errors

🔥 **ER(message)** - Specifies the error message for the command.

message	String	Identifies the error which caused the command to fail.
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