

STIPlex MG+23S*

Assay Reagent

STIPlex MG+23S* (Research Use Only)

Catalog Number

72022011

Description

STIPlex MG+23S* is a qualitative 1-well, multiplex qPCR assay with improved detection for *Mycoplasma genitalium* and 5 mutations at positions 2058 and 2059 in the 23S rRNA gene associated with azithromycin resistance (A2058G, A2059G, A2058T, A2058C, and A2059C, *Escherichia coli* numbering). This mix includes an internal control for extraction and amplification.

The STIPlex MG+23S* kit is for research use only (RUO) and is not intended for use in diagnostic procedures.

Note: STI-MG Mix, 20x provided contains a fluorophore specific for the QuantStudio platforms.

Product Design

Well	Channel	Target	qPCR cycling duration
1	1	MgPa	1 hr 25 minutes
	2	23S rRNA mutations (A2058T, A2058C, A2058G, A2059C, A2059G)	
	3	Internal Control	
Plate Format		Total Reactions	Reaction Volume
96-well		100	20 µL

Workflow Flexibility

Extraction	Liquid Handling	Amplification	
Magnetic bead-based	Lab self-validation	ABI QuantStudio 5 and QuantStudio 7	
Optional Positive Control	Compatible	Size	SpeedX Kit Cat #
ResistancePlus® MG Positive Control	All platforms	10 reactions	95001

Shipping & Storage

Shipping	Storage
Reagents — dry ice/ice packs	Store protected from light between -25°C to -15°C

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