

# STIPlex MG+23S\*

## Assay Reagent

STIPlex MG+23S\* (Research Use Only)

## 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 (A2058T, A2058C, A2058G, A2059C, A2059G) |                       |
|                              | 3                   | Internal Control                                  |                       |
| Instrument Compatibility     |                     |   |                       |
| Extraction                   | Liquid Handling     | Amplification                                     | Cat No:               |
| Magnetic bead-based          | Lab self-validation | ABI QuantStudio 5 and QuantStudio 7               | 72022011              |
| Workflow Flexibility         |                     |   |                       |
| Total Reactions              |                     | Reaction Volume                                   |                       |
| 100                          |                     | 20 µL   |                       |
| Shipping & Storage           |                     |   |                       |
| Shipping                     |                     | Storage   |                       |
| Reagents — dry ice/ice packs |                     | Store protected from light between -25°C to -15°C |                       |

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