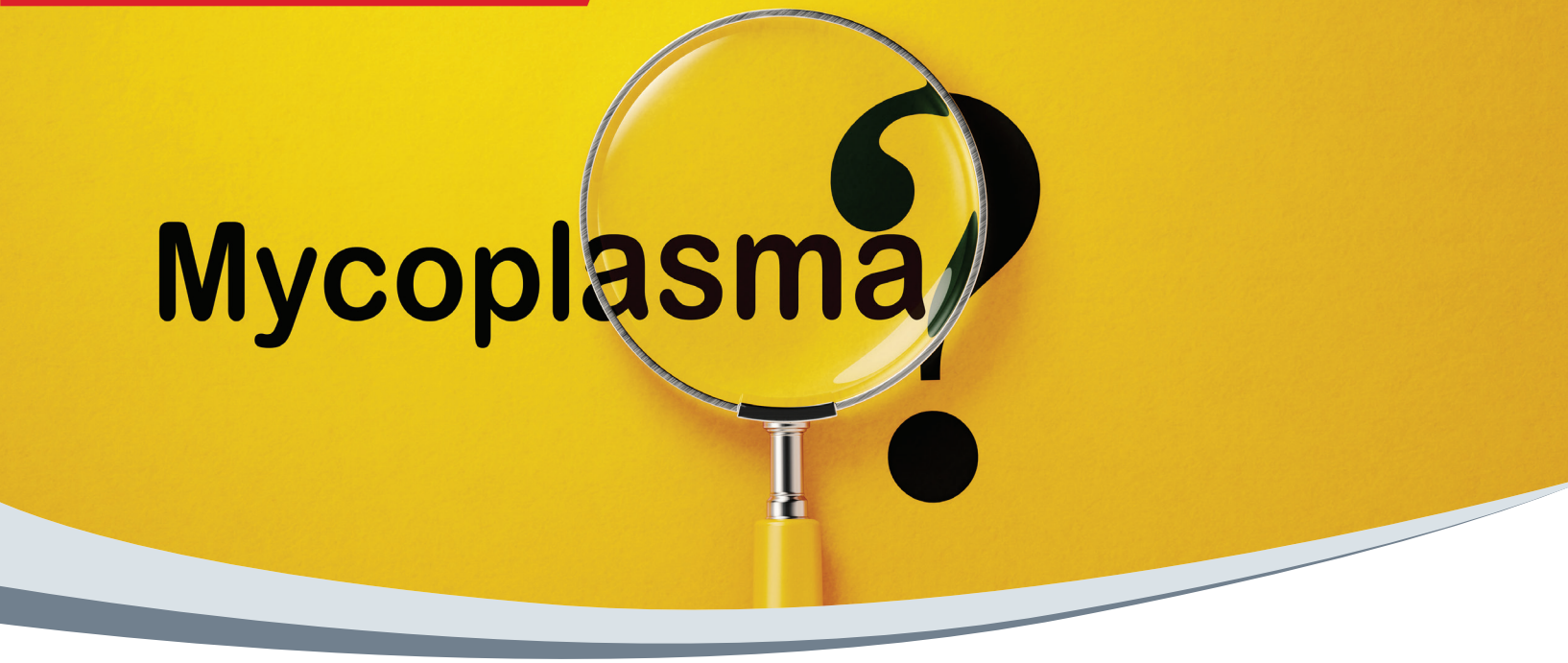
MYCOPLASMA DETECTION KIT

MYCOSTRIP® 2.0



A new way to detect mycoplasma in cell culture

- Fast and easy-to-use
- Highly sensitive and reliable
- No special equipment needed
- No false positives

Mycoplasma contamination is a major problem in cell culture that can greatly impact the reproducibility and validity of experimental results. InvivoGen's MycoStrip®2.0 detects mycoplasma contamination using isothermal PCR and the results are rapidly visualized using a lateral flow detection cassette within 5 minutes.

MycoStrip® 2.0

InvivoGen

MYCOSTRIP® 2.0

Mycoplasma detection kit

With over 40 years of experience in developing mycoplasma solutions for the scientific community, InvivoGen has developed MycoStrip® 2.0, an innovative kit for simple and robust detection of mycoplasma contamination.

MycoStrip® 2.0 detects mycoplasma in cell cultures based on isothermal PCR. The kit identifies both live and dead mycoplasma. Results are visible on an immunochromatographic strip in 2–5 minutes. Simply prepare your sample and add our proprietary Reaction Mix to target and amplify the 16S rRNA gene for the most commonly found mycoplasma species in cell culture. These include the six species that account for 95% of all contaminations. Importantly, there is no cross-reactivity with any other tested bacterial, fungal, or mammalian DNA.

Key Features of MycoStrip® 2.0

Unlike other laborious detection methods, MycoStrip® 2.0 is an easy-to-use and highly sensitive method to rapidly detect mycoplasma contamination in your cell cultures.

- **Simple:** no special laboratory equipment required
- **Rapid:** minimal hands-on-time <15 min
- **Total test duration:** <1 hour
- **Highly sensitive:** <10 CFU/ml
- **Specific:** no cross reactivity
- **Stable:** the kit can be kept 18 months at -20°C
- **No-cassette options available:** more economical and eco-friendly

Optimized mycoplasma detection with MycoStrip® 2.0

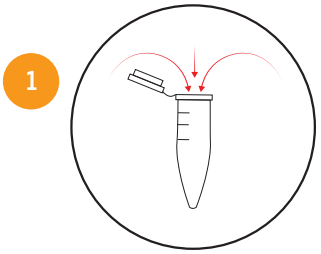
MycoStrip® 2.0 is an enhanced version of our innovative mycoplasma detection assay, featuring a next-generation enzyme that boosts overall assay performance:

- **Faster turnover:** results in 30 minutes
- **Higher sensitivity:** now detects as little as 1 genome copy (GC)/µl under optimal conditions (50 min at 65°C)
- **Increased robustness:** improved tolerance to temperature variation
- **Broader detection:** detects more mollicute genera

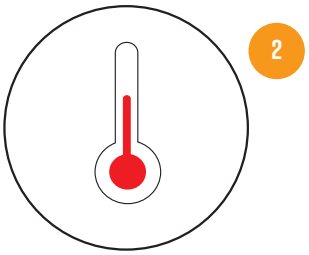
PRODUCT	DESCRIPTION	QTY	CAT. CODE
MycoStrip®2.0	Mycoplasma contamination detection kit (with cassette)	10 tests 20 tests 50 tests	rep-mysv2-10 rep-mysv2-20 rep-mysv2-50
MycoStrip®2.0	Mycoplasma contamination detection kit (without cassette)	50 tests 100 tests	rep-mysncv2-50 rep-mysncv2-100

www.invivogen.com/mycostrip

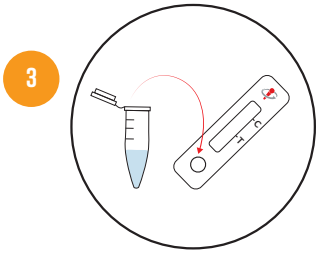
4 EASY STEPS TO DETECT MYCOPLASMA IN YOUR CELL CULTURES



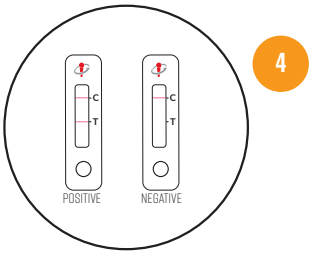
PREPARE YOUR SAMPLE (~5 MIN)



INCUBATE AT 65°C FOR 30 MINUTES



STOP THE REACTION AND LOAD THE CASSETTE



READ YOUR RESULTS WITHIN 2-5 MINUTES

WHAT IF MY TEST IS POSITIVE ?

Eliminate mycoplasma with InvivoGen's comprehensive anti-microbial product range.

Treat your culture and eradicate the contamination using Plasmocin® or Plasmocure™. Upon completion of the treatment (~2 weeks), re-test using MycoStrip® comparing your newly treated culture with your previous sample

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