



Lonza MycoAlert™ Mycoplasma Detection Kits **Lonza**

A selective biochemical test that exploits the activity of mycoplasmal enzymes which are found in all six of the main mycoplasma cell culture contaminants and the vast majority of 180 *Mycoplasma* species, but are not present in eukaryotic cells. Viable *Mycoplasma* in a test sample (cell supernatant) are lysed and the enzymes react with the MycoAlert™ substrate, catalysing the conversion of ADP to ATP. The ATP is then transferred into a light signal via the luciferase enzyme in the MycoAlert™ reagent. By measuring the level of ATP in a sample both before and after the addition of the MycoAlert™ substrate, a ratio can be obtained which is indicative of the presence or absence of mycoplasma.

- Convenient and fast
- Easy assay: simply add two reagents to the culture supernatant and perform two luminescence readings
- Results in less than 20 min
- Easy interpretation of results
- Detects all common mollicute contaminations
- Negligible interference with media components

Code	Pack	Contains	Price
LZLT07-118	10 test kit	2 x 600µL reagent (lyophilised), 2 x 600µL substrate (lyophilised), 10mL assay buffer	£212.00
LZLT07218	25 test kit	5 x 600µL reagent (lyophilised), 5 x 600µL substrate (lyophilised), 10mL assay buffer	£428.00
LZLT07-418	50 test kit	2 x 2.5mL reagent (lyophilised), 2 x 2.5mL substrate (lyophilised), 10mL assay buffer	£543.00
LZLT07-318	100 test kit	10mL reagent (lyophilised), 10mL substrate (lyophilised), 20mL assay buffer	£807.00



Lonza MycoAlert™ PLUS Mycoplasma Detection Kits **Lonza**

The next generation MycoAlert™ Kit which provides higher light output. The MycoAlert™ PLUS allows for use with less sensitive plate luminometers or multifunctional readers.

- Easy assay: simply add two reagents to the culture supernatant and perform two luminescence readings
- Results in less than 20 minutes
- Easy interpretation of results

Code	Pack	Contains	Price
LZLT07-701	10 test kit	1.2mL reagent (lyophilised), 1.2mL substrate (lyophilised), 3mL assay buffer	£190.00
LZLT07-703	30 test kit	3 x 1.2mL reagent (lyophilised), 3 x 1.2mL substrate (lyophilised), 3 x 3mL assay buffer	£520.00
LZLT07-705	50 test kit	5mL reagent (lyophilised), 5mL substrate (lyophilised), 10mL assay buffer	£600.00
LZLT07710	100 test kit	10mL reagent (lyophilised), 10mL substrate (lyophilised), 20mL assay buffer	£923.00

MycoAlert™ PLUS Assay Buffer

Code	Pack	Price
LZLT27-292	20mL	£141.00



Lonza MycoAlert™ Assay Control Set **Lonza**

Includes a lyophilised positive control and assay buffer for reconstitution. The assay buffer also serves as a negative control. The positive and negative controls are designed for use with the MycoAlert™ and MycoAlert™ PLUS Mycoplasma Detection Kits. It is recommended to always include the Control Set to ensure that the operator and all of the assay reagents are performing properly. The positive control is proprietary, but does NOT contain *Mycoplasma*. The positive or negative control is simply substituted for a sample in the standard assay protocol.

Code	Pack	Contains	Price
LZLT07518	10 tests	1mL MycoAlert™ assay control (lyophilised), 2mL MycoAlert™ assay buffer	£168.00