

TS 014 – HORSE SERUM (Store at 2 - 20°C)

INTENDED USE

For isolation and cultivation of *Mycoplasma* or *Trichomonas* or *Streptococcus* species.

Physical and Chemical Properties:

Appearance	Clear, amber colored liquid
pH	6.80-8.20
Total Protein	5.5 - 7.5 g/dL
Hemoglobin	≤ 20 mg/dL
Osmolality	260-340 mosm/Kg H
Endotoxin	Measure & Record Results (EU/ml)
Sterility	
Aerobic bacteria	Negative
Anaerobic bacteria	Negative
Fungi	Negative
Mycoplasma	Negative
Antibody testing	
Equine Infectious Anemia Antibody	Negative
Growth promotion and cytotoxicity: Growth promotion shows the ability of the serum to support the growth of a cell line using a standardized low inoculum in media with 10% serum over a period of 10 to 14 days.	
Sterilization	
Heat Inactivation	56°C for 30 minutes
Filtration by:	0.2μ filter

Applied in Medium

TM 514 - BRUCELLA AGAR BASE

TMV 514 - BRUCELLA AGAR BASE (VEG.)

TM 680 - BRUCELLA AGAR BASE, MODIFIED

TM 050 - BRUCELLA BROTH BASE

TM 1513 - BRUCELLA AGAR BASE W/ 1.0% DEXTROSE

TM 106 - FLETCHER LEPTOSPIRA MEDIUM BASE (LEPTOSPIRA MEDIUM BASE, FLETCHER)

TM 1544 - FREY MYCOPLASMA BROTH BASE

TM 1545 - GBS MEDIUM BASE

TM 1366 - KIRCHNER MEDIUM BASE, MODIFIED



TM 768 - LOEFFLER MEDIUM BASE

TM 1265 - MYCOPLASMA CULTIVATION BROTH BASE

TM 233 - MYCOPLASMA AGAR BASE (PPLO AGAR BASE)

TM 235 - MYCOPLASMA BROTH BASE W/ CV (PPLO BROTH BASE W/ CV)

TM 794 - MYCOPLASMA BROTH BASE W/O CV (PPLO BROTH BASE W/O CV)

TM 1266 - MYCOPLASMA SYNOVIAE MEDIUM BASE

TM 1267 - MYCOPLASMA UROGENITAL MEDIUM BASE

TM 233 - PPLO AGAR BASE (MYCOPLASMA AGAR BASE)

TM 1308 - TRICHOMONAS BROTH BASE NO.2

TM 1307 - TRICHOMONAS AGAR BASE

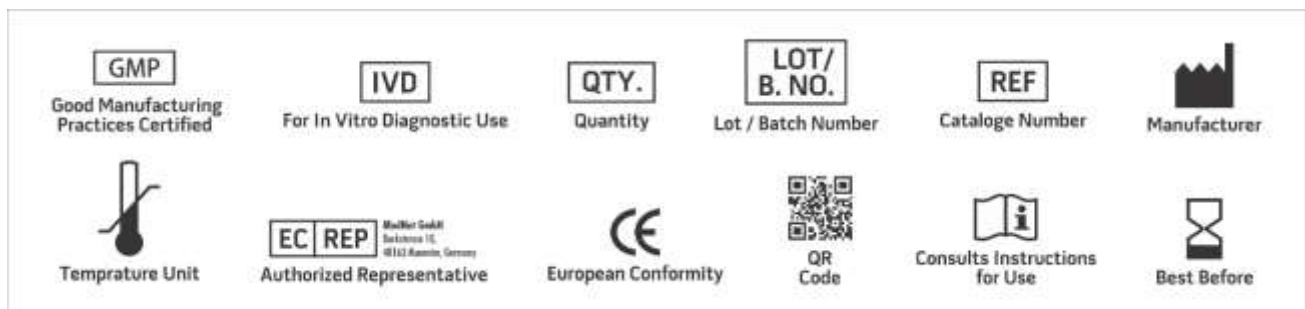
INSTRUCTION FOR USE

Thawing of the sera should be done as quickly as possible in order to minimize the period of time during which elevated salt concentration prevail in the thawed liquid.

- Remove the bottles from the freezer and allow them to acclimatize at room temperature for about 10 minutes and keep in 2-8°C overnight in refrigerator.
- Swirl the bottle of serum frequently during thawing to disperse released salts and proteins uniformly in the liquid.

STORAGE

Vials should be stored in sealed container at 2-8°C.



NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

***For Lab Use Only**
Revision: 11 March., 2022