

ITS-M

1. Why does growth rate (doubling time) become slowly when adding ITS-M?

Stock ITS-M is 500X and working concentration is 1X. Please check working concentration of ITS-M first.

If working concentration of ITS-M is correct. Slow growth might due to adaption of new culture supplement, especially for adhesion cell line. According to our experiments, it might take 2 weeks to come back to normal doubling time. In addition, we suggest to adjust ratio of serum and ITS-M progressively (gradually reduce % of FBS) for cells adapting to new growth environment.

2. Why does some precipitation observed after storing at 4°C?

Due to cholesterol will be precipitated after storing at 4°C. We suggest to centrifuge tube by 12,000g for 3 minutes and aliquot from supernatant.