



Media Precautions:

1. PRECAUTIONS:

It is recommended to thaw the TM0199-B supplements overnight at 2 to 8°C prior to use. Media is stable for 60 days, when they are stored in the dark at 2 to 8°C. At 30 days, supplements may need to be re-supplemented.

2. STORAGE:

TM0199-A, TM0199-B, TM0199-C: Store at 2 to 8°C in the dark

TM0199-B supplements: Store at -5 to -20°C in the dark

3. PHYSICAL CONDITIONS:

Standard physical conditions for human islet cells that are maintained in TM0199-A or TM0199-B are at a temperature of 37°C, in a humidified atmosphere containing 5% of CO₂. Using standard aseptic conditions, islet cultures may be maintained in TM0199-A or TM0199-B complete media, provided they are on non-coated tissue culture treated vessels.

TM0199-A is specifically formulated for culturing islets within the first 48 hours after a process. It enables the islets to round up with increased glucose responsiveness. After 48 hours, it is recommended to switch to TM0199-B, as continued use of TM0199-A will lead to islet fusion.

TM0199-B is specifically formulated for long-term culturing from 2-14 days at 37°C. It is enhanced with specific components that will reduce islet chaining. TM0199-A and TM0199-B can be used for long term culturing, when following the recommended protocol.

TM0199-C is specifically formulated to transport islets for up to 5 days, while maintain viability and functionality. Shipping requires a temperature of 6-10°C.