

High Throughput IgG Handling & Storage Guidelines

Twist Bioscience Antibodies are shipped frozen on dry ice in one of the following buffers:

- 83 mM Glycine, 167 mM Tris-HCl, pH 6
- 43 mM Citrate, 148 mM Hepes, pH 6 (Amine Free)
- Custom Buffer

Upon receipt, the recommended storage temperature is -20°C in a non-frost-free freezer. Do not store antibodies near the front of the freezer compartment or on a shelf in the freezer door, where they are exposed to warmer temperatures when the freezer door is opened.

RECOMMENDED HANDLING INSTRUCTIONS

1. Thaw samples overnight at 4°C or on ice until fully thawed
2. Once samples are completely thawed, spin down for 1 minute at $1,000 \times g$ to ensure all sample material is at the bottom of the well
3. Carefully remove seal if samples are in a plate
 - a. If you observe any precipitate in the sample, transfer to a new plate or tube, or aliquot sample without disrupting the precipitate
4. Samples are ready for use
 - a. If the entire sample is not immediately used, it is recommended that single-use aliquots are created and stored at -20°C

STORAGE TEMPERATURE & STABILITY

After thawing, we do not recommend storing the antibodies at 4°C for more than a week.

In general, avoid multiple freeze/thaws to prevent degradation by creating single-use aliquots. Aliquots should be no smaller than $10 \mu\text{L}$. Aliquots with less than $10 \mu\text{L}$ are more likely to be impacted by evaporation and absorption of the antibody onto the surface of the storage vessel.

HAVE FURTHER QUESTIONS?

Please contact us at support@twistbioscience.com or chat with a customer support representative at [twistbioscience.com](https://www.twistbioscience.com).