

## Tracking Samples in U-2D System Inserts - Tips and Suggestions

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The U-2D™ system is designed with multiple features to support accurate and reliable sample identification during storage, handling, and automated workflows.

### 1. Direct Writing on Inserts

The U-2D™ inserts can be easily labeled using our **laboratory-grade markers**, which are formulated to adhere securely to the insert surface without smudging or fading under normal laboratory conditions. These markers ensure high-contrast, legible labeling for quick identification. They can be found **HERE** (link as normally provided in the IRC system).

### 2. Built-In Alpha-Numeric Rack Positioning

Each U-2D™ rack includes **embossed alphanumeric position markings** along the sides, providing a clear physical reference system for sample organization. These markings help users quickly verify tube position, support documentation accuracy, and improve traceability when working with automated readers, liquid handlers, or inventory management software.

Together, these features enable a flexible, dual-layer labeling strategy—combining manual annotation on the insert with fixed alphanumeric rack coordinates—for enhanced clarity, reduced error rates, and smoother integration into high-throughput or regulated workflows.

