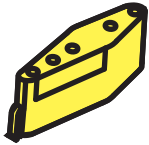


# Access Family of Immunoassay Systems **Reagent Packs**



Reagent packs are a fundamental component of your UniCel DxI Immunoassay System. To help ensure correct results, it is critical that you store, handle, and load Access reagent packs correctly.

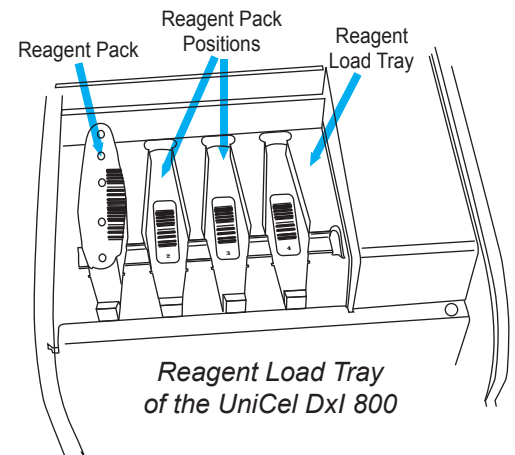
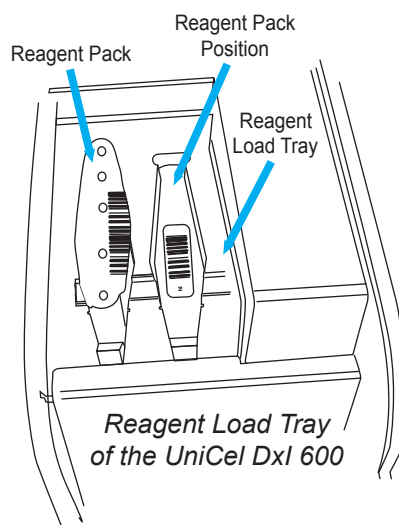
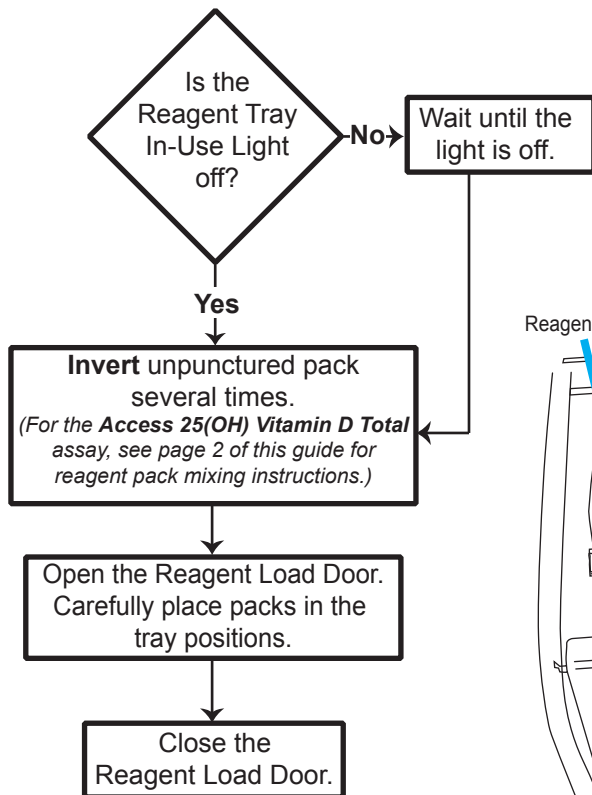
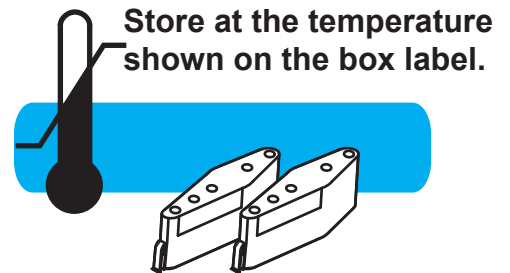
## Storage & Handling

**REFRIGERATE:** Store packs upright at recommended temperature. Keep at recommended temperature for at least 2 hours before use. If the reagent pack is damaged (i.e. broken top seal), discard the pack.

**INVERT BEFORE LOADING\*:** To dislodge particles from the underside of the seal, invert unpunctured packs several times immediately before loading. It is not necessary to remix packs after loading. Do not shake packs or use a vortex mixer, except for the **Access 25(OH) Vitamin D Total** assay\*. Do not invert a punctured pack.

\* For the **Access 25(OH) Vitamin D Total** assay, see page 2 of this guide for reagent pack mixing instructions.

**KEEP THE PACK CLEAN:** Use good laboratory practice whenever handling reagent packs. Foreign materials on the top surface of the pack could contaminate the primary probe or pack reagents, leading to invalid results or instability.



## Pack Loading

**RELOADING PARTIAL PACKS:** Do not reload a partially used pack unless it is from the same instrument. If a partial pack is loaded on a different instrument, it will be treated as if it is a full pack and invalid results can occur.

**PLACE PACKS CAREFULLY:** To avoid possible damage to the pack or instrument, be sure the pack is properly seated in the reagent load tray.

**UniCel DxI**

**Access Immunoassay System**

# Mixing Reagent Packs for the Access 25(OH) Vitamin D Total Assay

To prevent light-induced degradation of the vitamin D molecule, the Access 25(OH) Vitamin D Total assay is provided in an opaque brown reagent pack.

To ensure that the paramagnetic particles in the reagent pack are fully suspended, **mix the pack using a vortex mixer immediately before loading the reagent pack on the instrument for the first time.** To mix:

- Use a vortex mixer with a continuous 'On' mode (i.e. not 'Auto' or 'Touch' mode) and a maximum speed between 2500 and 3200 rpm.
- Start the vortex mixer in the continuous mode and set it to its maximum speed.
- Hold the pack upright by the clip end and place the base of the particle well (R1a) on the vortex cup or pad at a slight downward angle.
- Mix the reagent pack continuously (**do not pulse**) for 20 to 30 seconds.
- It is not necessary to remix packs after loading. Do not mix a punctured pack.

The requirement to mix the reagent pack by vortex mixer is unique to the Access 25(OH) Vitamin D Total assay. **Do not mix other Access reagent packs using a vortex mixer.**

