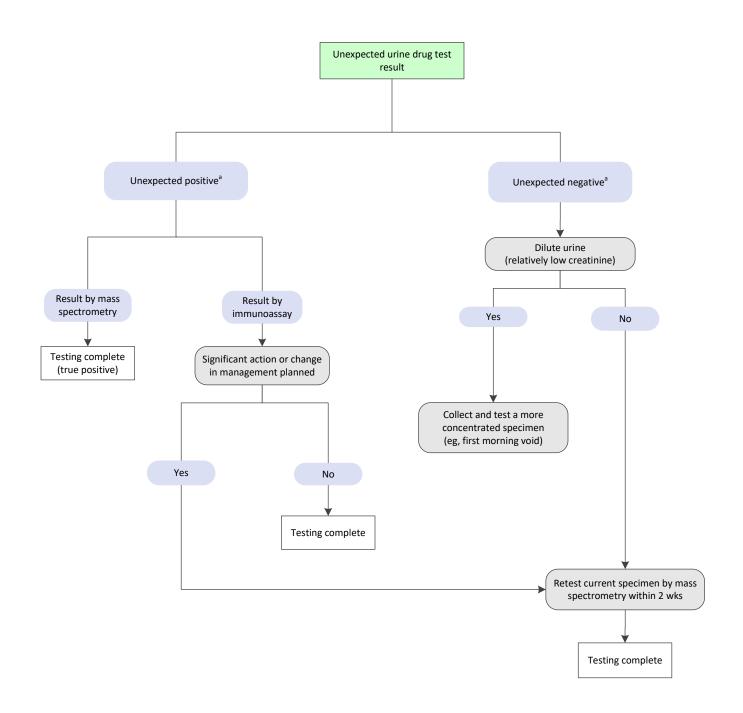
## **Urine Drug Testing (Unexpected Result) Algorithm**

Click here for topics associated with this algorithm



## <sup>a</sup>Possible Explanations for Unexpected Results

**Unexpected Positive Result** 

- Unexpected nonprescribed drug was taken/administered
- Drug was added to urine after voiding
- Drug detected is a process impurity of the expected drug
- Cross-reacting nondrug substance(s)
- Analytical error

## **Unexpected Negative Result**

- Drug was not taken/administered
- Substituted or dilute urine
- Drug delivery was poor or variable
- Poor cross-reactivity for drug analytes of interest
- Test not designed to detect analyte(s) of interest

Source: McMillin GA, Slawson MH, Marin SJ, et al. <u>Demystifying analytical approaches for urine drug testing to evaluate medication adherence in chronic pain management</u>. *J Pain Palliat Care Pharmacother*. 2013;27(4):322-339.