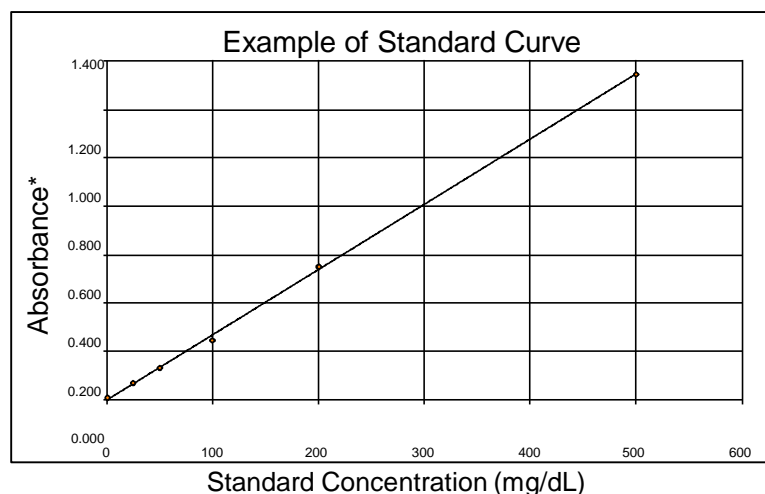


## RUO Microplate/Manual Applications

### Autokit Glucose Microtiter Procedure

For Research Use Only. Not for use in diagnostic procedures.  
Cat. No. 997-03001(kit) **Autokit Glucose**

1. Prepare working Color Reagent Solution according to the package insert instructions.
2. Pipette 3 $\mu$ L of each of the following into the assigned microplate well according to the plate layout: saline (to be used as blank), each level of standard, and sample.
3. Add 350 $\mu$ L of working Color Reagent Solution to each tube/well.
4. Mix well and incubate at 37°C for 5 minutes.
5. Measure the absorbance of each well at 505nm.  
Use 600nm as the reference or secondary wavelength\*
6. Plot the absorbance vs. concentration for the standard (calibration) curve.  
A Linear Calculation model should be used.  
(Refer to package insert for further details on the manual calculation of results.)



*\*Note: The secondary absorbance reading at 600nm is only for bichromatic measurement to correct for any serum interferences. Absorbance readings taken at 600nm should be subtracted from the absorbance readings taken at 505nm.*