

**Development of pH sensitive Polyurethane-Alginate nanoparticles for safe  
and efficient oral insulin delivery in animal model**

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**Absorbance**

**Insulin concentration**

**Figure S1. Calibration curve of insulin for Lowry's assay**

**LOQ is 0.1088**

**Absorbance**

**Insulin concentration  
( $\mu$ IU/ml)**

**Figure S2. Calibration curve of insulin for ELISA**

**LOQ: 10.48**