

## **Benzoic Acid ELISA Kit    Product #: E6005**

### **Feed sample preparation**

**Note:** the below method is only for reference. Please make sure to dilute the sample so that the BA concentration is in the range of the standard curve. In case you are testing other sample, please try this method first.

#### **1 Reagent required**

Methanol

#### **2. Preparation of sample buffer**

**Samper buffer:** 0.05M PBS

Take **NaCl**, 42.5g, **Na<sub>2</sub>HPO<sub>4</sub>·12H<sub>2</sub>O**, 14.4g, **NaH<sub>2</sub>PO<sub>4</sub>·2H<sub>2</sub>O**, 1.48g, dissolved with purified water and dilute to 1000mL. This solution can be stored for 2 weeks at 2-8 °C.

#### **3. Feed Sample**

(1) Take 2.0000±0.0500g sample into 50mL centrifuge tube, add **6mL methanol**, then vortex for 2min, centrifuge for 5min at 5000g, take **200µL supernate** into a 2mL pp tube, then add **400µL sample** buffer (0.05M PBS), vortex for 30s to mix thoroughly.

(2) **Take 50ul for assay.**

**Sample dilution factor:** 12

**Detection limit:** 6mg/kg