

## Human Colon Tissue Lysate

<b>Catalog No.</b>	PX351A	<b>Quantity:</b>	100 µg
	PX351B		0.5 mg

**Description:** Human colon tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Tissue and cell debris were removed by centrifugation. Protein concentration was determined with protein assay. The tissue lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol.

**Concentration:** 2.0 mg/ml

**Source:** Human adult colon

**Formulation:** Colon lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol.

**Tissue Type:** Colon

**Diagnosis:** Normal

**Reconstitution:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For lysates with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

**Applications:** Human colon normal tissue lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for a mini gel. The optimal concentration should be determined for each specific application.

**Storage & Stability:** Store at 2-4°C for continuous use. For extended storage, freeze working aliquots at -80°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

**Certification:** This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**