

Human HT-29 Cell Lysate

Catalog No.	PX317A	Quantity:	100 µg
	PX317B		0.5 mg

Description: Human HT-29 Cell Line Lysate was prepared by homogenization in modified RIPA buffer (50 mM Tris-HCl, pH 7.4 + 1% Triton X-100 + 0.2% sodium deoxycholate + 0.2% sodium dodecylsulfate (SDS) + 1 mM sodium ethylenediaminetetraacetate + 1 mM phenylmethyl-sulfonyl flouride + 5 µg/ml aprotinin + 5 µg/ml leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with protein assay. Lysate was boiled for 5 minutes in 1x SDS sample buffer (50 mM Tris-HCl pH 6.8 + 12.5% Glycerol + 1% SDS + 0.01% bromophenol blue) containing 5% beta-mercaptoethanol.

Concentration: 2.0 mg/ml

Cell Line: HT-29 (Human Colorectal Adenocarcinoma)

Source of Cell Line: Human (44 year old female) Colon Colorectal Adenocarcinoma

Cell Growth Medium: ATCC medium (McCoy's 5a medium with 1.5 mM L-glutamine + 10% FBS)

Formulation: Liquid in 1x SDS sample buffer containing 5% beta-mercaptoethanol.

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: HT-29 Cell Lysate is ready to load on SDS-PAGE for Western Blotting. It is recommended to load 10 - 20 µg per lane for a mini gel. The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Lysate is supplied at a concentration of 2 mg/ml. 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 acceptable 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.