

# Human Colon Diabetic Disease Lysate

**Cat. No.** Colon-80H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Colon
<b>Concentration</b>	2 mg/mL or better
<b>Tissue Type</b>	Colon
<b>Shipping</b>	Dry ice
<b>Preparation method</b>	Human colon tissue lysate was prepared by homogenization using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The human colon tissue total protein is provided in a buffer including HEPES (pH7.9), MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the colon tissue pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The colon tissue is then Western analyzed by either GAPDH or β-actin antibody, and the expression level is consistent with each lot.
<b>Diagnosis</b>	Diseased
<b>Storage Buffer</b>	HEPES pH 7.9, MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Storage Instruction**

Store at 2-8°C for continuous use. For extended storage, freeze working aliquots at -70°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

**Applications**

Colon lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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