

RAT PANCREAS TISSUE LYSATE

CATALOG NUMBER: CL122

LOT NUMBER:

QUANTITY: 500 µg

CONCENTRATION:

DESCRIPTION: Ready to use tissue protein extract from rat pancreas. Total cellular proteins were isolated from rat pancreas tissue (1,2).

QUALITY CONTROL: Protein concentration from the sample was measured by taking absorbency at 280 nm using BSA. Sample was run on a 4-20% polyacrylamide gel. After electrophoresis the gel was stained with coomassie blue and examined for sharp, well resolved protein bands. There was no smearing indicating no protein degradation. The protein was transferred to PVDF membrane and further tested for the separation and integrity of proteins by using an actin antibody.

STORAGE/HANDLING: Maintain at -70°C in undiluted aliquots for up to six months after date of receipt. Avoid repeated freeze/thaw cycles.

REFERENCES:

1. Laemmli, U.K. (1970) Cleavage and structural proteins during the assembly of the head of bacteriophage T4. *Nature* **227**:680-685.
2. Harlow, E. & Lane, E. (1988) *Antibodies: A Laboratory Manual* (Cold Spring Harbor Laboratory, Cold Spring Harbor, NY).

RELATED PRODUCTS:

ChemiLUCENT™ Cat # 2600: A femtogram level sensitivity immunodetection system for detection of low abundant antigens. Requires lower antibody concentration.

Re-Blot™ Plus Western Blot Recycling Kit Cat# 2500: A specially formulated antibody stripping solution that removes antibodies and their corresponding chemiluminescent or radioisotopic signals from membrane blots, without destroying the blotted protein sample.

For research use only; not for use in diagnostic procedures.