

## Technical Data Sheet

**A431 + Calyculin A/Okadaic Acid Cell Lysate****Product Information**

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Material Number:</b> | <b>612591</b>                                                                                                       |
| <b>Size:</b>            | 500 µg                                                                                                              |
| <b>Concentration:</b>   | 1.0 mg/ml                                                                                                           |
| <b>Storage Buffer:</b>  | 1 mg/ml in SDS-PAGE buffer (62mM Tris pH 6.8, 2% SDS, 0.9% b-mercaptoethanol, 0.003% bromophenol blue, 5% glycerol) |

**Description**

Cell or tissue lysates are a useful control for the western blotting application. A source that can be rich in endogenously expressed proteins, this lysate is convenient to use and provided in a denatured format allowing for immediate loading onto an SDS-PAGE gel. A431 cells were grown to 80-90% confluency, serum starved overnight, then treated with 10 nM calyculin A and 500 nM okadaic acid for 2 hours at 37°C.

**Preparation and Storage**

Do not dilute or boil.

Store undiluted at -20° C.

**Application Notes****Application**

|              |                  |
|--------------|------------------|
| Western blot | Routinely Tested |
|--------------|------------------|

**Product Notices**

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to [www.bdbiosciences.com/pharming/en/protocols](http://www.bdbiosciences.com/pharming/en/protocols) for technical protocols.

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