

## IDENTIFICATION OF CASPASE 8 PROTEIN FROM FABRIOUS BURSA TISSUE OF CHICKEN INFECTED BY VIRUS GUMBORO

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### Abstract

This research aimed to know molecule heavy (BM) of *caspase 8* protein of chicken bursa tissue infected by virus Gumboro and proved that *caspase 8* protein included antigenic protein.

*Caspase 8* protein was harvested from fabrisius bursa tissue of chicken which is positive infected by virus Gumboro. Then, done test with *Sodium dodecyl sulfate polyacrilamid gel electroforesis* (SDS-PAGE) 12,5 % with giving colour nitrat silver ( $\text{AgNO}_3$ ) to know protein expressed from fabrisius bursa tissue of chicken infected by virus Gumboro based on molecule heavy (BM). Character of protein known with doing *western blot* used antibody monoclonal anti *caspase 8*.

The result showed that *caspase 8* protein has molecule heavy (BM) 57,704 kDa and *caspase 8* protein is antigenic which could react specific to antibody monoclonal anti *caspase 8*.

Keywords : apoptosis, *caspase*

