

...e loss of PrPsc signal to undetectable levels. A dige...
... undetectable levels by Western blot analysis. Time...
...creasing disintegration of PrPsc with a significant los...
...ion of this entirely biological system overcomes the...
...ally useful for decontamination of sensitive medical

...e pathogenesis of...
...including CJD in humans,
...p and goat (1). The stability...
...2) and against conventional...
...public health and...
...ical decontamination...
...4-5). These limitations...
...on as a potentially attractive...
...6-7).

...composition of biological...
...under mild digestion

...with purified keratinase...
...l from farmyard waste and a...
...m. ME7 scrapie prion brain...
...BS, proteinase K (77 µg/ml...
...°C for 1 h to determine their

Results

Lanes

37 KDa
25 KDa

Fig. 1: Lane 1 is ME7 brain homogenate homogenate digested with PK (77 µg/ml composition (EF+BS), Lane 4 and 5 are of PrPsc signal was achieved with EF+B

Lanes 1

CIBH