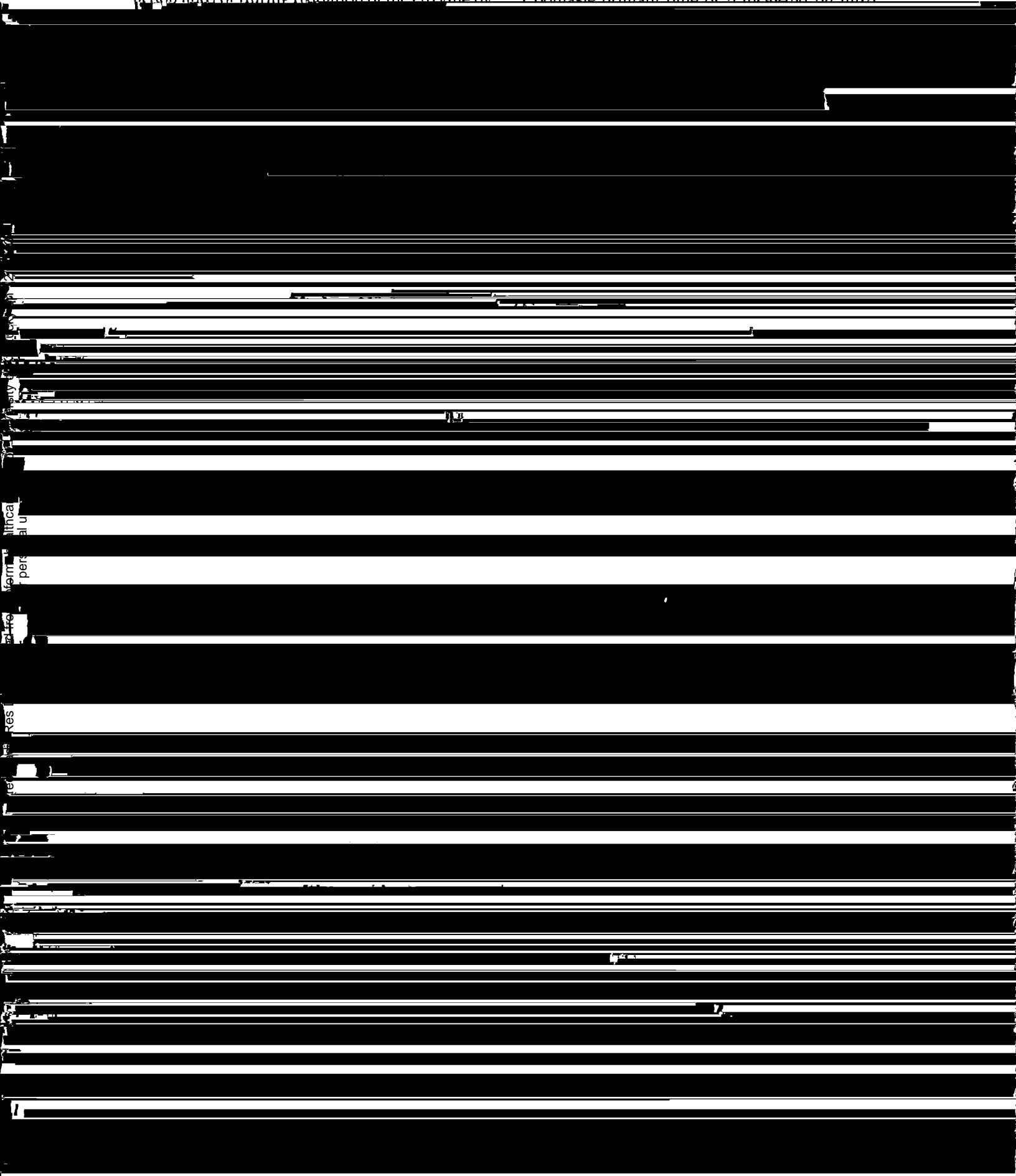
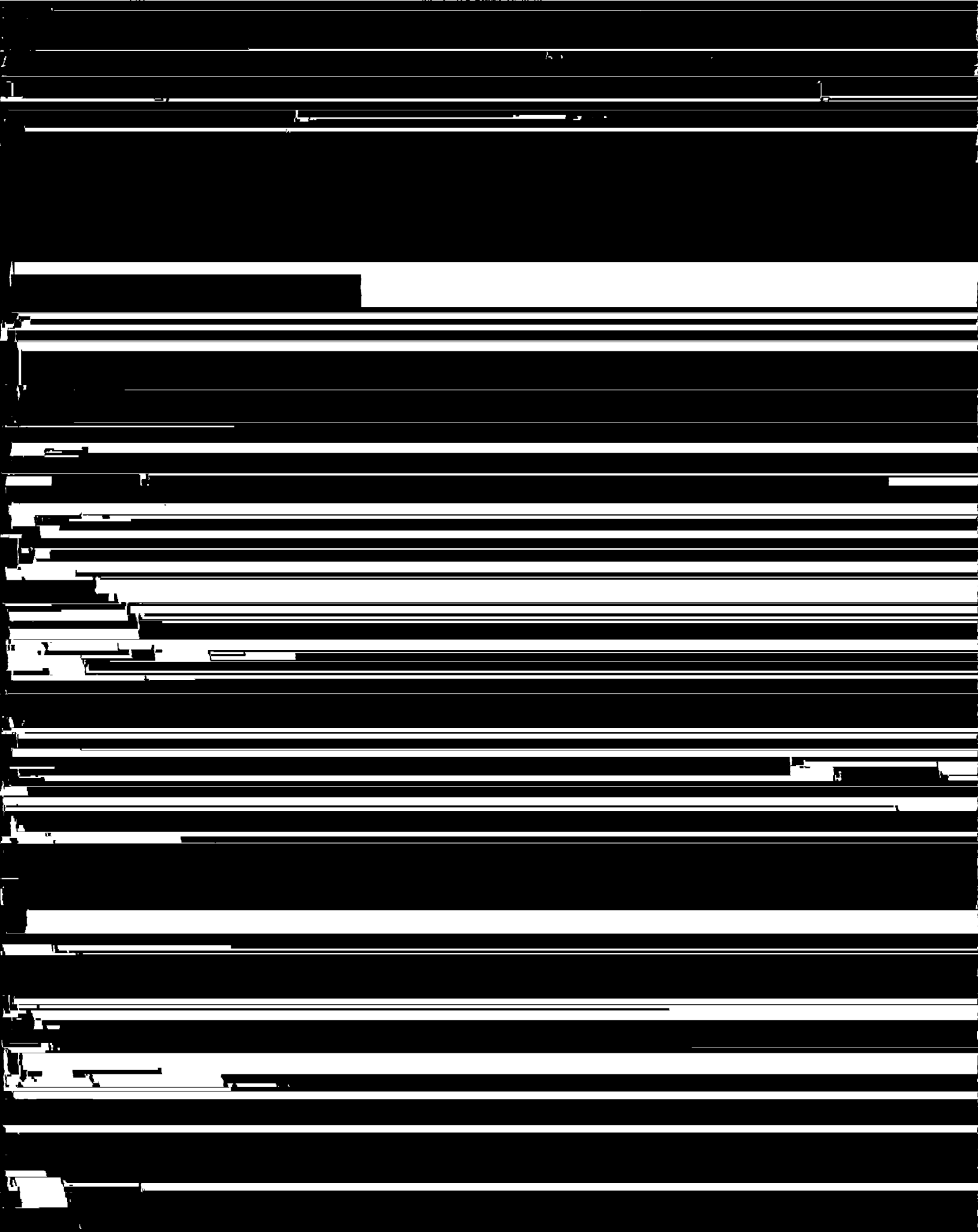


[either AB(25-35) or AB(1-40)] generate ROS in MATERIALS AND METHODS

action and/or during oxidation of the enzyme by Coomassie brilliant blue or transferred on nitro



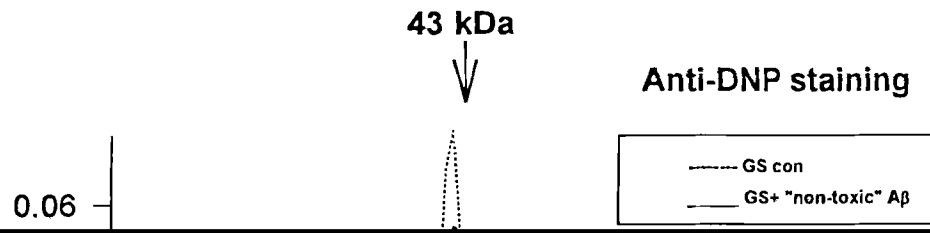
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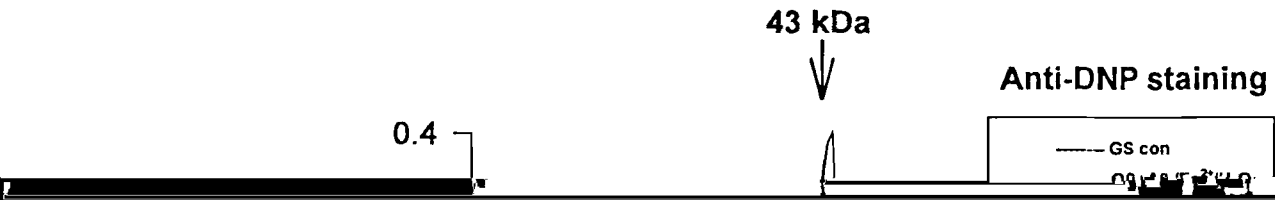
	Source	Lot and batch number	Number of measurements	GS activity (% of control)
AR(25-35)(toxic)*	Bachem	WJ744**^	15	43.8 ± 2.1
		Z1744A	15	20.7 ± 2.4

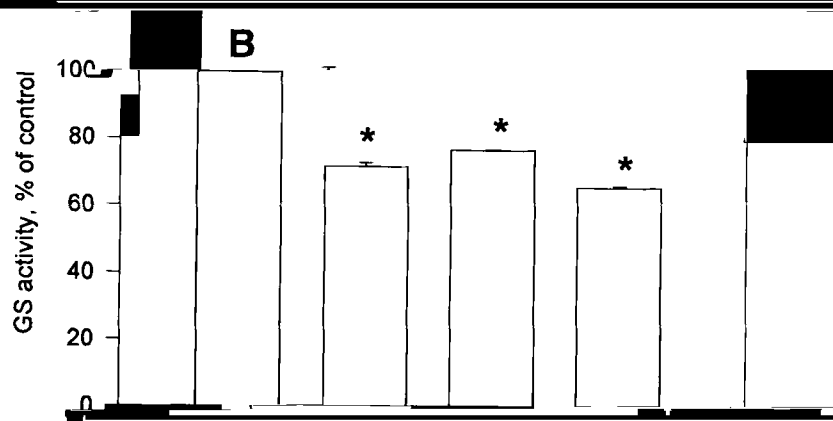
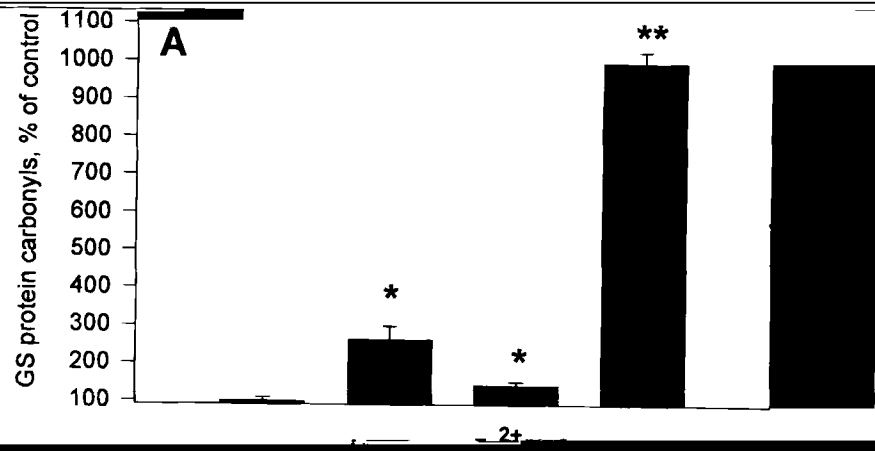
B

GS+"non-toxic" A β (25-35)



GS+A β (25-35)/Fe²⁺/H₂O₂





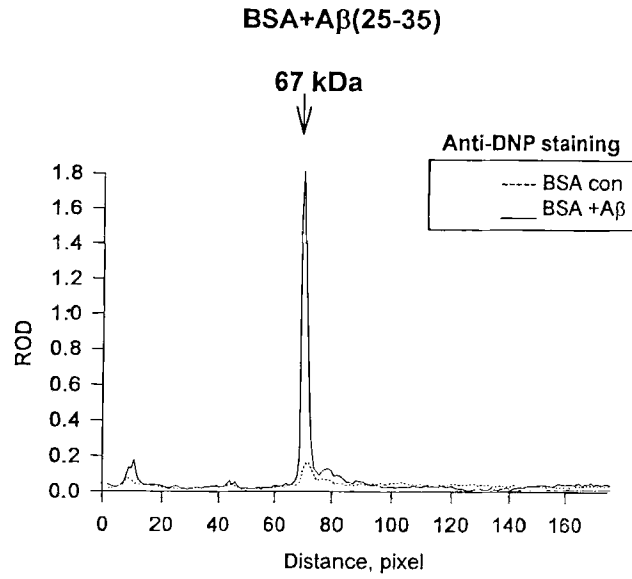


FIGURE 8. Typical scan of Anti-DNP-stained Western blot of BSA co-incubated with "toxic" lot of A β (25-35). Number of trials was 3.

peptide-mediated cleavage of the PBN nitron

1. *et al.* [14]. This pattern of reactivity is consistent

the treatment with iron/peroxide, but the

increase of protein carbonyl content was higher

structure of amyloid β peptide correlates with neuro- [21] Levine, R. L., Garland, D., Oliver, C. N., Amici, A.

- [36] Butterfield, D. A., Hensley, K., Cole, P., Aksenov, M., Aksenova, M., Bummer, P. M., Carney, J. M., Haley, B. E. (1997). Oxidatively-induced structural alterations of glu
- [43] Hensley, K., Hall, N., Subramanian, R., Cole, P., Harris, M., Aksenov, M., Aksenova, M., Gabbita, P., Wu, J., Carney, J., Lowell, M., Markesbery, W. P., Butterfield