

## Supplementary Information

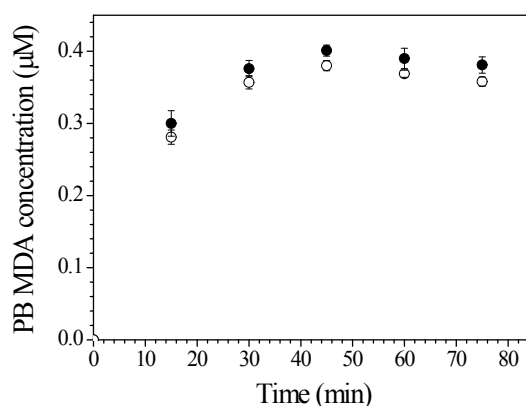
### Development of an analytical method to determine malondialdehyde as an oxidative marker in cryopreserved bovine semen

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**Fig. A Electronic Supplementary Data:** Time profile for hydrolysis of bound protein MDA in treatment B of cryopreserved bovine semen samples. Empty circle (○): HPLC analysis. Full circle (●): Spectrophotometric analysis.



**Fig. B Electronic Supplementary Data:** Long-term stability of MDA-TBA<sub>2</sub> condensation product in cryopreserved bovine semen samples using treatment A by HPLC-DAD (left) and the traditional spectrophotometric method (right). Empty circle (○): 25 °C. Full circle (●): -20 °C. Half circle (◐): 8 °C.

