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Title	Assessment of RNAlater® as a potential method to preserve bovine muscle proteins compared with dry Ice in a proteomic study
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Publication date	2019-02-05
Original Citation	Zhu, Y., Mullen, A.M., Rai, D.K., Kelly, A.L., Sheehan, D., Cafferky, J. and Hamill, R.M., 2019. Assessment of RNAlater® as a Potential Method to Preserve Bovine Muscle Proteins Compared with Dry Ice in a Proteomic Study. Foods, 8(2), (60). DOI:10.3390/foods8020060
Type of publication	Article (peer-reviewed)
Link to publisher's version	https://www.mdpi.com/2304-8158/8/2/60 - 10.3390/foods8020060
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Download date	2026-10-30 03:13:19
Item downloaded from	https://hdl.handle.net/10468/9154

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Supplementary Materials:

1 MSDEEVEHVE EEYEEEEEAQ EEAPPPPAEV PEVHEEVHEV HEPEEVQEEE

51 KPRPRLTAPK IPEGEKVDFD DIQKKRQNKD LMELQALIDS HFEARKKEEE

101 ELVALKERIE KRRAERAEQQ RIRAEKERER QNRLAEEKAR REEEDAKRRA

151 EDDLKKKKAL SSMGANYSSY LAKADQKRGK KQTAREMKKK VLAERRKPLN

201 IDHLSEDKLR DKAKELWDTL YQLETDKFEY GEKLKRQKYD ITNLRSRIDQ

251 AQKHSKKAGT APKGKVGGRW K

Figure S1. Amino acid sequences of peptides of Troponin T in band 7 and 9 identified by mass spectrometry are underlined. The peptide sequence KPLNIDHLSEDKLR (196-210) was detected only in band 7.

Table S1. Protein identifications from band 5, 7, 9, 11 of SDS-PAGE Gel by LC-MS.

Identified proteins	Band no.	Accession number (source)	Matched peptides	Theoretical PI	MW (Da) experimental/theoretical	Score	Coverage %
Beta-enolase	5	Q3ZC09 ENOB_BOVIN	31/4	7.60	47409/47096	1120	45
Actin, alpha skeletal muscle	5	P68138 ACTS_BOVIN	16	5.23	42366/42051	672	37
Alpha-enolase	5	P51913 ENOA_CHICK	13	6.17	47617/47305	518	19
Glyceraldehyde-3-phosphate dehydrogenase	7/9	P10096 G3P_BOVIN	26/5	8.51	36073/35868	839/307	46/20
Tropomyosin beta chain	7	Q5KR48 TPM2_BOVIN	7	4.66	32931/32837	514	22
Troponin T, fast skeletal muscle	7/9	Q8MKI3 TNNT3_BOVIN	7/7	5.99	32107/32126	271/265	23/18
Creatine kinase M-type	9	Q9XSC6 KCRM_BOVIN	7	6.63	43190/42989	454	20
Elongation factor Tu	11	A8AWA0 EFTU_STRGC	13	4.86	43983/44011	645	28
Enolase	11	A8AY46 ENO_STRGC	5	4.71	47147/47062	392	18
Trypsin	11	P00761 TRYP_PIG	2	7.00	25078/24409	148	17