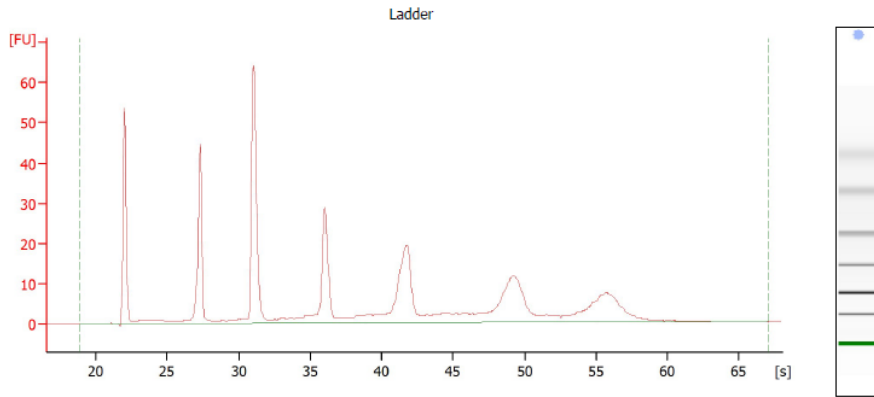


Figure C. Representative BioAnalyzer electropherogram of total RNA extracted from cryopreserved bovine sperm. Electropherograms of the RNA ladder used for the assay (top panel) as well as the sperm total RNA sample (bottom panel) are presented.

Assay Class: Eukaryote Total RNA Pico Created: 5/7/2018 3:46:02 PM
 Data Path: C:\...Eukaryote Total RNA Pico_DEDAE00458_2018-05-07_15-46-02.xad Modified: 5/7/2018 4:13:29 PM

Electropherogram Summary

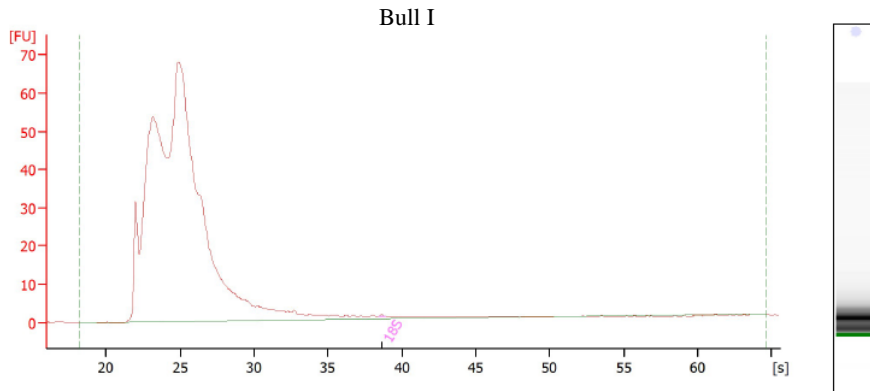


Overall Results for Ladder

RNA Area: 390.0 Result Flagging Color:
 RNA Concentration: 1,000 pg/μl Result Flagging Label: All Other Samples

Assay Class: Eukaryote Total RNA Pico Created: 5/7/2018 3:46:02 PM
 Data Path: C:\...Eukaryote Total RNA Pico_DEDAE00458_2018-05-07_15-46-02.xad Modified: 5/7/2018 4:13:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Bull I

RNA Area: 998.2 RNA Integrity Number (RIN): 2.5 (B.02.09)
 RNA Concentration: 2,559 pg/μl Result Flagging Color:
 rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 2.50

Fragment table for sample 9 : Bull I

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38.43	38.85	0.3	0.0