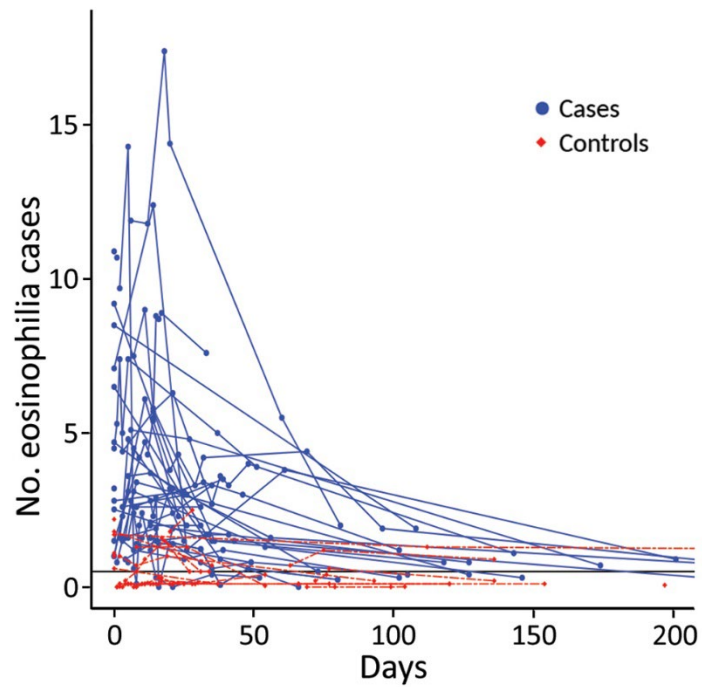


Laboratory Features of Trichinellosis and Eosinophilia Threshold for Testing, Nunavik, Quebec, Canada, 2009–2019

Appendix

***Trichinella* serology testing at the Canadian National Reference Centre for Parasitology (NRCP)**

Trichinella serology offered by the NRCP detects host antibodies against *Trichinella* species. The serological assay is a non-commercial laboratory-developed indirect enzyme-linked immunosorbent assay (ELISA). A crude antigen preparation derived from *Trichinella spiralis* L3-stage larvae is used. This antigen preparation shares common epitopes with other *Trichinella* species and cross-reacts. The assay is optical density based and a serology is considered positive at an OD > 0.35. The assay has been performed in the same manner over the study period of this case series (2009-2019).



Appendix Figure. Time course of absolute eosinophilia for case-patients (blue dots, solid lines) and controls (red diamonds, dashed line) since presentation for medical care for acute *Trichinella* infection, Arctic Region of Nunavik, Quebec, Canada, 2009–2019. Points are joined for individual patients when >1 measurement was available. The horizontal line at 0.45×10^9 represents the upper limit of normal for eosinophilia in adults at McGill University Health Centre.