	The aim of this study is to develop a protocol to study the comfrom whole milk samples for sequencing.
: Based on problems identified in previous work with comphenol-chloroform extraction along with bead beating was used to end of milk sample were tested, as well as whole vs. pelleted milk. : The use of a PCR product DNA is	•
extractions. Two brands of commercially available purification columinhibitors, each using three different eluents: water, the provided elwere tested for innate PCR inhibitors by spiking increasing volumes (Aureus UAMS-1 DNA, and performing PCR for the full-length bacteri 1.5% agarose gel.	nns (Qiagen and Zymo) were tested for innate lution buffer (EB), and TrisEDTA (TE). The columns of elution with 30 pg of Staphylococcus subsp.
n: A literature review of possible PCR inhibitors inheand digestive enzymes present in the milk could potentially inhibit P	