

Elution of antibodies from tips

Example protocols and results are based on customer feedback.

Sonicator Model: Q700MPX system with 4905 Chiller



Protocol:

Sample Type: *Blood samples collected on HemaTIP (Mitra tips from Neoteryx)*

Sonicator Amplitude Setting: *75%*

Sonication Pulse Rate: *20 seconds ON, 10 seconds OFF*

Total Sonication ON Time: *2 minutes*

Sample Process Temperature: *20C - controlled by Chiller*

Customer Notes:

“HemaTIP is our new microsampling collection device (Mitra tips from Neoteryx) for easy collection and shipment of blood samples for serology services for various animal species including rodents. We use Q700MPX for elution of antibodies from these tips for infectious disease screening in a high throughput environment running between 20-40 plates (96-well format) per day. For elution of antibodies we sonicate plates for 2min. Neoteryx originally developed these tips and uses them for human biomarker and infectious disease analysis so our procedure can easily be extrapolated for human samples.”

Plate type: Thermo Scientific Nunc
 Cat # 260252
 1ml/well
 96 deep well PP plate Natural RNase DNase free