

## Based on current research data, these are the current recommended Best Practices for the integration of Alpha2EQ:

In order to maximize levels of alpha-2 macroglobulin in the Alpha2EQ injectate:

- We recommend a 3-day washout period following administration of alpha 2 agonist sedatives.
- We recommend a 5-day washout period following administration of NSAIDs and other highly protein bound drugs.
- No IV sedation prior to blood pull. If you must sedate patient, use IM sedation and pull blood within 15 minutes.
- No local anesthetic should be combined with Alpha2EQ.

After blood is drawn for processing Alpha2EQ, sedation and non-steroidal anti-inflammatory drugs may be administered.

There are no reported negative interactions with shockwave or laser light therapies.

### Regarding off-site collection and processing:

- If collecting in the field and transporting to a clinic for delayed processing, we recommend protecting the syringes to maintain sterility and rocking throughout the transportation. The blood should be processed within 30 minutes.
- Once processed, the Alpha2EQ product is stable at room temperature for 4 hours, or up to 12 hours in a refrigerator. All product should be frozen within 12 hours of processing, and thawed at the time of use.
- Once thawed, Alpha2EQ injectate must be used within 4 hours. Alpha2EQ injectate should not be frozen a second time.

### Volume for Joint Injections

- Cervical Facets: 2-4 mL
- Digital sheath: 4-6 mL
- DIP Joint: 3-5 mL
- Fetlock: 4-5 mL
- Shoulder: 5-6 mL
- Intra-lesional/Peri-lesional: varies on site
- Navicular Bursa: 2-3 mL
- Tibiotarsal Joint: 4-5 mL
- Small Tarsal Joints: 2-3 mL
- Elbow: 4-5 mL
- Stifle Medial Femoral Tibial: 8 mL +
- SI: 8-10 mL per side