

## Simplified Reconstitution Recommendations for DRAXIMAGE - MAA Kit

### **4 MILLION PARTICLES per VIAL - CANADA**

#### Recommendations

The following table shows the amount of <sup>99m</sup>Tc-Sodium Pertechnetate that should be added to a vial of MacroAggregated Albumin of 4 million ( $4 \times 10^6$ ) particles to produce a standardized dose of 350,000 particles and 93 MBq (2.5 mCi) of <sup>99m</sup>Tc for a 70 kg adult. Since MAA requires not only a specific amount of technetium-99m but also a specific number of particles, the reconstitution of the kit requires more care. The table assumes that all doses will be used at the same time period. To produce paediatric doses or doses for mixed time periods please refer to the **Dosage and Administration** section of the package insert.

Delay in Hours Before Use	Reconstitution Recommendation
0	Add 1.06 GBq ( 29 mCi ) in 8 mL. Each dose is 0.70 mL
1	Add 1.19 GBq ( 32 mCi ) in 8 mL. Each dose is 0.70 mL
2	Add 1.33 GBq ( 36 mCi ) in 8 mL. Each dose is 0.70 mL
3	Add 1.49 GBq ( 40 mCi ) in 8 mL. Each dose is 0.70 mL
4	Add 1.67 GBq ( 45 mCi ) in 8 mL. Each dose is 0.70 mL
5	Add 1.88 GBq ( 51 mCi ) in 8 mL. Each dose is 0.70 mL
6	Add 2.11 GBq ( 57 mCi ) in 8 mL. Each dose is 0.70 mL
7	Add 2.36 GBq ( 64 mCi ) in 8 mL. Each dose is 0.70 mL
8	Add 2.65 GBq ( 72 mCi ) in 8 mL. Each dose is 0.70 mL

To produce doses of 350,000 particles but other than 93 MBq (2.5 mCi) simply adjust the amount of pertechnetate added accordingly. For example to produce a dose of 350,000 particles and 74 MBq (2.0 mCi) to be administered in 1 hour, add 0.95 GBq (26 mCi) in 8.0 mL; each dose is 0.62 mL.

#### Note:

- 1) It is not recommended that the vial be reconstituted with saline and that aliquots then be mixed with <sup>99m</sup>Tc-sodium pertechnetate in another container.
- 2) It is not recommended that the vial be reconstituted with saline and then frozen. Once reconstituted the maximum shelf life is 8.0 hours.
- 3) This table is intended only as a simplification of the Dosage and Administration section in the package insert. There has been no change in the product or in its method of use.

**Please Note: This chart is specific for vials of 4 million particles and should not be used to prepare doses for any other number of particles. Please consult the Simplified Reconstitution Recommendations for each specific number of particles.**