

A EMU Basis Vector Sensitivities

Gluc ₂₃ × Gluc ₂	6.7	Gluc ₁₂₃	-16.9
Gluc ₂₃ × Gluc ₃	6.3	Gluc ₁₂ × Gluc ₁	-1.2
Gluc ₄₅₆	2.0	Gluc ₁₂ × Gluc ₆	-0.5
uuu	0.6	Gluc ₁ × Gluc ₅₆	-0.5

B Tracer Selection Rules

- (1) Gluc₁₂₃ ≠ Gluc₂₃ × Gluc₂ → Gluc₁ ≠ Gluc₂
- (2) Gluc₁₂₃ ≠ Gluc₂₃ × Gluc₃ → Gluc₁ ≠ Gluc₃
- (3) Gluc₁₂₃ ≠ Gluc₄₅₆
- (4) Gluc₄₅₆ = Gluc₂₃ × Gluc₂
- (5) Gluc₄₅₆ = Gluc₂₃ × Gluc₃

C Acceptable Tracers

- (1) ●○○○○ OR ○●○○○
- (1-2) ●○○○○ OR ○●●○○
- (1-5) ●○○○○ OR ○●●●●

Glucose: ①②③④⑤⑥

○ ¹²C ● ¹³C ◐ ¹²C or ¹³C