

Hyperinsulinemic, euglycemic, isoaminoacidemic clamp protocol

Postabsorptive state

Hyperinsulinemic state

-180 min

- 30 - 0 min
Baseline plateau

180 - 210 min
Clamp plateau

^3H -glucose + ^{13}C -leucine

Insulin (40mU/m².min)

20% glucose (target 5.5 mM)

10% TrophAmine®
(target: baseline BCAA)

q 30 min
blood sampling

q 10 min

q 5 min

q 30 min
expired air sampling

q 10 min
Indirect
calorimetry

q 30 min

q 10 min
Indirect
calorimetry