



The University of Alabama at Birmingham

## Core Laboratory Services

### Exercise Clinical Trials Facility

Description	Unit	Price/Unit*
<b>Cardiorespiratory function and metabolism testing</b>		
Maximal graded exercise stress test (GXT) with ECG	1 test	\$125
Submaximal, steady state exercise test (walking, stair climbing, or cycling) with respiration kinetics to assess exercise metabolism	1 test	\$75
Resting metabolism (resting energy expenditure via hood calorimetry)	1 test	\$75
Anaerobic Power (arm or leg ergometer)	1 test	\$50
Respiration kinetics analysis (VO <sub>2</sub> , VCO <sub>2</sub> , RER, V <sub>E</sub> , etc.)	Per hour	\$50
<b>Neuromuscular performance testing</b>		
Maximum voluntary isometric strength (Biodex dynamometry)	Per hour	\$50
Maximum voluntary concentric strength (Biodex dynamometry or conventional 1RM)	Per hour	\$50
Load-power or force-velocity 5-point curve	Per hour	\$50
Electrically evoked maximum isometric force (including force deficit determination)	Per hour	\$50
Dynamic, high frequency muscle fatigue	Per hour	\$50
Isometric muscle fatigue	Per hour	\$50
Explosive power test (force plates)	Per hour	\$50
Load Force test (force plates)	Per hour	\$50
Other performance test	Per hour	\$50
Addition of surface electromyography (EMG)	Per hour	\$25
Interpretation to any neuromuscular performance test	Per hour	\$50
<b>Mobility function testing</b>		
Chair stand test with relative motor unit activation (EMG)	Per hour	\$50
Gait analysis (instrumented walkway)	Per hour	\$50
Mobility "field" tests (e.g., TUG, 6MW, gait speed, balance testing)	Per hour	\$50
Other mobility assessments	Per hour	\$50
Exercise Training	Per protocol <sup>^</sup>	Per protocol <sup>^</sup>

\*Prices include costs of all labor and supplies.

\*\*Refer to our Core Muscle Research Lab fees on our website for phlebotomy, muscle biopsies and tissue processing.

<sup>^</sup> Cost estimate will be provided for each study following consultation regarding study design

To contact the facility or to arrange a consultation, email our facility manager Craig Tuggle at [tugg12@uab.edu](mailto:tugg12@uab.edu) or call 205-934-6221.