

Resource Summary Report

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Levodopa kinetic-dynamic test

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Type: Protocol

Proper Citation

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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bbq8imzw>

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Summary: Levodopa oral test Administration of a subacute dose of levodopa (100 mg) plus benserazide (25 mg) or carbidopa (25 mg) under standardized conditions. Levodopa kinetic–dynamic monitoring Measurements of plasma levodopa concentrations and clinical effects by objective motor tests (alternate finger tapping test).

Associated Publications: Ursino M, Magosso E, Lopane G, Calandra-Buonaura G, Cortelli P, Contin M (2020) Mathematical modeling and parameter estimation of levodopa motor response in patients with parkinson disease. PLoS ONE 15(3): e0229729. doi: [10.1371/journal.pone.0229729](https://doi.org/10.1371/journal.pone.0229729)

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