

Inulin Immunoassay Kit Glomerular Filtration Rate (FIT-GFR™) and Nutritional Research Studies

BioPAL's inulin immunoassay kits provide a superior analytical method to measure inulin for glomerular filtration rate (GFR) and nutritional studies. This inulin test uses immunoassay to overcome the major limitations associated with current analytical technology to measure inulin. For GFR studies, the kit supports both the UV/P and the blood clearance protocols for generating a GFR value. Depending on the protocol chosen, the kit can support up to 15 GFR measurements. The kit does not include the filtration marker, which can be purchased separately as a ready-to-use injectate (Cat #: FIT-0408) for non-human research applications. Recommended dosage can be found in the inulin kit manual – 0.5 ml/Kg @ 25 mg/mL. The kit provides a sensitive assay that exceeds other methods to measure inulin and can detect inulin at a concentration of 10 ng/ml.

**FOR RESEARCH USE ONLY.
NOT FOR USE IN DIAGNOSTIC PROCEDURES.**

Patents Pending.

Inulin FIT-GFR – Kit and Filtration Marker

Catalog Number		
FIT-0415	FIT-GFR Kit (INULIN)	\$ 600.00
	The kit contains inulin concentrate, rabbit inulin antiserum, goat anti-rabbit IgG-HRP, HRP substrate and stop reagents, an inulin 96 well coated plate, two plate sealers, FIT-GFR Inulin kit manual and documentation.	
FIT-0408	INULIN in 0.9% Sodium Chloride Injection, USP	\$ 200.00
	10.0 ml autoclaved, sealed serum bottle of USP inulin at a concentration of 25 mg/ml. This product is formulated to ensure solubility at room temperature. NOT FOR HUMAN USE.	

Inulin FIT-GFR – Kit Components

FIT-0401	Rabbit anti-Inulin	\$ 250.00
	6.0 ml packaged in an 8 ml polyethylene screw-cap bottle.	
FIT-0417	Goat anti-Rabbit IgG-HRP	\$ 250.00
	12.0 ml packaged in an 15 ml polyethylene screw-cap bottle.	
FIT-0403	Inulin Standard Concentrate	\$ 50.00
	1 ml at a concentration of 0.1 mg/ml packaged in a 2 ml microtube.	
FIT-0416	Inulin 96-Well Coated Plate	\$ 200.00
	One plate.	

FIT-GFR – General Kit Components

FIT-0001	Standard and Sample Diluent	\$ 25.00
	100.0 ml packaged in a 125 ml polyethylene screw-cap bottle.	
FIT-0002	HRP Substrate Reagent	\$ 35.00
	12.0 ml packaged in a 15 ml polyethylene screw-cap bottle.	
FIT-0003	HRP Stop Reagent	\$ 25.00
	12.0 ml packaged in a 15 ml polyethylene screw-cap bottle.	
FIT-0004	Plate Sealer	\$ 20.00
	Pack of 5.	
FIT-0005	Wash Buffer Concentrate	\$ 30.00
	100.0 ml packaged in a 125 ml polyethylene screw-cap bottle.	

