

Iodohippurate Immunoassay Kit Effective Renal Blood Flow (FIT-RBF™) for Research Studies

BioPAL's iodohippurate immunoassay kits provide a superior analytical method to measure iodohippurate for determining effective renal blood flow (RBF). This iodohippurate test uses immunoassay to overcome the major limitations associated with current analytical technology to measure iodohippurate. For RBF studies, the kit supports both the UV/P and the blood clearance protocols for generating a RBF value. Depending on the protocol chosen, the kit can support up to 15 RBF measurements. The kit does not contain the renal flow marker. If the study involves basic research subjects, such as rats, the researcher will need to purchase RenalFLOW™ Iodohippurate. However, if the study involves clinical research subjects, the researcher MUST obtain clinical-grade Iodohippurate from their pharmacy. Recommended dosage can be found in the RBF Instructional Manual. The presence of a GFR maker, such as Inulin, Iohexol, Gd-DTPA or Gd-DOTA, in the sample will not affect the accuracy of the FIT-RBF measurement. Therefore, researchers can simultaneously obtain a GFR and RPF measurement in the same subject using BioPAL's FIT kits.

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

Patents Pending.

Iodohippurate FIT-RBF – Kit and Filtration Marker

Catalog Number		
FIT-0715	FIT-RBF Kit (Iodohippurate)	\$ 600.00
	The kit contains iodohippurate concentrate, rabbit iodohippurate antiserum, goat anti-rabbit IgG-HRP, HRP substrate and stop reagents, an iodohippurate 96 well coated plate, two plate sealers, FIT-RBF iodohippurate kit manual and documentation.	
FIT-0704	RenalFLOW (Iodohippurate)	\$ 60.00
	2.0 ml autoclaved, sealed serum bottle of iodohippurate at a concentration of 10 mg/ml.	
FIT-0714	RenalFLOW (Iodohippurate)	\$ 200.00
	5.0 ml autoclaved, sealed serum bottle of iodohippurate at a concentration of 100 mg/ml.	

Iodohippurate FIT-RBF – Kit Components

FIT-0701	Rabbit anti-Iodohippurate	\$ 250.00
	6.0 ml packaged in an 15 ml polyethylene screw-cap bottle.	
FIT-0417	Goat anti-Rabbit IgG-HRP	\$ 250.00
	12.0 ml packaged in an 8 ml polyethylene screw-cap bottle.	
FIT-0703	Iodohippurate Standard Concentrate	\$ 50.00
	1 ml at a concentration of 0.1 mg/ml packaged in a 2 ml microtube.	
FIT-0716	Iodohippurate 96-Well Coated Plate	\$ 200.00
	One plate.	

FIT-RBF – 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.	

