

Updated Announcement

National Institutes of Arthritis, Diabetes and Digestive and Kidney Diseases Research Materials Available to Qualified Investigators

The research materials listed below are procured and distributed through programs supported by the National Institute of Arthritis, Diabetes and Digestive and Kidney Diseases, by the Center for Population Research of the National Institute of Child Health, and the Agricultural Research Service of the U.S. Department of Agriculture, to qualified investigators, and are distributed only for research purposes, not for therapeutic, diagnostic, or commercial purposes.

Supplies of these materials may be obtained by submitting a one page letter IN DUPLICATE to: Dr. Salvatore Raiti, Director, National Hormone and Pituitary Program, Suite 501-9, 210 West Fayette Street, Baltimore, Maryland 21201 USA.

Applications (one page letter) must include: (a) a progress report and/or list of recent publications of results using materials previously awarded, (b) a description of the proposed use of materials, brief but sufficient to justify the kinds and amounts requested (c) evidence of experience with radioimmunoassay with all new requests for reagents for radioimmunoassay, (d) your correct mailing address, including country (if from outside the USA). (e) Letters from trainees must also be signed by a senior staff member.

Only one vial, or one kit, of the reagents, will be awarded at a time. Requests for large amounts of materials may be granted, subject to review by the Committee on Hormone Distribution.

Note: There is shipping and handling charge for most hormones or antisera (see bottom of next page for list of charges and exclusions). No material for which there is a handling and shipping charge will be shipped *if not prepaid*. Monies must be sent in US dollars. CHECKS must be 1) in US dollars, 2) made payable to *National Hormone and Pituitary Program*, 3) attached to each request letter, 4) include investigator's name, and 5) if bank charges, this fee must be added to handling charges. PURCHASE ORDERS: 1) can be accepted *only* from universities or institutions in the US or Canada (in US dollars), 2) attached to request letter, and 3) investigator's name must appear on purchase order.

FOR INVESTIGATORS WITHIN THE USA ONLY:

(a) *Biochemical Research.* hTSH, hLH, hFSH, hGH, and hPRL are available in highly purified form and in quantities sufficient for biochemical studies and animal research. Application forms for the above and other human pituitary hormones for biochemical and other studies are obtainable by writing to Dr. Raiti.

(b) *Clinical Research.* Distribution of human pituitary hormones for clinical research has been suspended until further notice.

	Human RIA Vials			Rat RIA Vials				Ovine RIA Vials				Bovine RIA Vials			Porcine RIA Vials		
	H	AS	RP	H	AS	RP	Biol	H	AS	RP	Biol	H	AS	Biol	H	AS	Biol
GH	1**	1	1	1§	1	2	5 mg	1	1	—	50 mg	1¶	—	10 mg	1¶	—	10 mg
PRL	1†	1	1	1§	1	2	5 mg	1	1	—	50 mg	1¶	—	10 mg	1¶	—	10 mg
FSH	1†	1	1	1†	1	1	—	1†	1	2	0.25 mg	5‡‡	—	3.3 mg	—	—	10 mg
LH	1§	1	1	1†	1	1	—	—	—	—	5 mg	1	—	5 mg	1¶	—	10 mg
TSH	1§	1	1	1†	1	1	—	1*	1	—	1 mg	1*	1	1 mg	1†	1	—
ACTH	1*	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—

H = Hormone; AS = antiserum; RP = reference preparation.

*50 µg. †100 µg. ‡300 µg. §400 µg. ||500 µg. ¶1 mg. **2 mg. ††5 mg. ‡‡25 µg.

Miscellaneous	
Human	
PL	1 vial††
PL AS	1 vial
CG	1 vial†
CG AS	1 vial
hCG α	2-5 mg
hCG β	2-5 mg
Hybrid hCG (AB1ER-CR-1xy)	1 vial (10,000 U)
β -LPH	1 vial‡
β -LPH AS	1 vial
β -LPH RP	1 vial
Somatomedin-C AS§§	1 vial
Somatomedin-C AS (monoclonal)	1 vial
Antialdosterone serum	5 ml
Canine	
GH†††	1 kit
PRL†††	1 kit
Rabbit	
GH†††	1 kit
PRL†††	1 kit
LH†††	1 kit
FSH†††	1 kit
TSH†††	1 kit
Mouse	
GH(RIA)†††	0.1 mg
PRL†††	1 kit
TSH RP only†††	1 vial
Monkey	
FSH(RIA) nonhuman primate	1 kit
Hemagglutination inhibition for rhCG	1 kit
LH(RIA) ¶¶	1 kit
Rat	
Hypothalami (frozen lyophilized) ¶¶	\$12.00/stalk
Hypothalamic extract	250 ME
ABP‡ ¶¶	1 kit
rLH α †††	AS only
rLH β †††	1 kit
rTSH β †††	1 kit

Miscellaneous (cont'd.)	
Other	
LH-FSH-RH	100 μ g, 10 mg
Relaxin	1 mg
PMSG	2000 IU
Labeled Somatomedin-C for RIA for nonhuman species (US only)	
Porcine follicular fluid	1 bottle (500 ml)
Antisera for Immunocytochemistry	
hGH, hPRL, hLH β , hTSH β , hACTH, rPRL	1 vial
Insulin	
Guinea pig insulin	80 μ g
Porcine desoctapeptide insulin	100 μ g
Bovine	
bPTH(RIA)	2 μ g
bPTH(Bio)	1 mg

Subunits (Human [h] kits)	
hCG α	1*
hCG β	1*
hTSH α	1*
hTSH β	1††
hFSH α	1*
hFSH β	1*
hLH α	1*
hLH β	1***

AS = antiserum; RP = reference preparation; r = rat; h = human.

§§You must have Somatomedin-C for labeling before you can apply for the antiserum.

¶¶These will be shipped in the frozen state by air express. Overseas investigators must supply the following additional information for shipping purposes: 1) Telex number, 2) point or city of entry of materials into that country.

*50 μ g. †100 μ g. ‡300 μ g. ¶500 μ g. ††5 mg. ***200 μ g.

†††These materials are available by writing directly to Dr. A. F. Parlow, Director, Pituitary Hormones and Antisera Center, Harbor-UCLA Medical Center, 1000 W. Carson St., Torrance, CA 90509.

Handling and Shipping Charges for:

1. RIA—Hormones and antisera: \$12.00/vial or \$24.00/kit. Reference preparations, no charge.

2. Bulk—oGH and oPRL: \$12.00 for first 50 mg, \$3.00 for extra 50-mg amounts.

oLH: \$12.00 for 5 mg.

oFSH: \$12.00 for 0.25-mg vial, \$3.00 for extra 0.25-mg amounts.

rGH and rPRL: \$12.00 for first 5 mg, \$3.00 for extra 5-mg amounts.

Human(Bio) \$12.00 for first 1 mg, \$3.00 for additional 1-mg quantities.

Note: There is no handling charge for the following: bPRL, bLH, pLH, pGH, pFF, pPRL, hCG, rhFSH, rhLH, rABP, and PMSG.