

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 201-9, 210 West Fayette Street, Baltimore, Maryland 21201 USA.

Applications (one page letter) must include: (a) a progress report and/or a recent publication list of results from 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 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, animal or human, for radioimmunoassay, is 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 at the rate of \$12.00 per vial for all hormones or antisera. There is *no* handling charge for the following: bGH, bFSH, pLH, pGH, pPRL, hCG, mFSH, mLH, rABP, and PMSG. No materials, where there is a handling and shipping charge, will be shipped *if not prepaid*. Monies must be sent in US dollars. Checks, etc. are to be made out to *National Hormone and Pituitary Program* and must accompany each request. Name of investigator should appear on all check vouchers and/or purchase orders. Purchase order can be accepted *only* from US universities or institutions.

FOR INVESTIGATORS WITHIN THE USA ONLY:

(a) *Biochemical Research*. hTSH, hLH, and hFSH are available in highly purified form and in quantities sufficient for biochemical studies.

(b) *Human pituitaries* in very limited numbers can be requested for specific research if the purified pituitary material is not otherwise available.

(c) *Clinical Research*. Human growth hormone (hGH) (14 IU/vial) and human luteinizing hormone (hLH) (2200 IU/vial) are available.

Application forms for the above and other human pituitary hormones for chemical and other studies are obtainable by writing to Dr. Raiti.

	Human RIA Vials			Rat RIA Vials			Biol	Ovine RIA Vials			Biol	Bovine RIA Vials		Biol	Porcine RIA Vials		Biol
	H	AS	RP	H	AS	RP		H	AS	RP		H	AS		H	AS	
GH	1	1	1	1	1	1	5 mg	1	1	—	50 mg	1	—	10 mg	1	—	10 mg
PRL	1	1	1	1	1	1	5 mg	1	1	—	50 mg	1	—	10 mg	1	—	10 mg
FSH	1	1	1	1	1	1	5 mg	1	1	1	0.25 mg	5	—	3.3 mg	5	—	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	1	1 mg	1	—	—
ACTH	1	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—

AS = antiserum; RP = reference preparation.

Subunits (Kits)		Miscellaneous	
oLH α	1	<u>Human</u>	
oLH β	1	PL	1 vial
hCG α	1	PL AS	1 vial
hCG β	1	CG	1 vial
hTSH α	1	CG AS	1 vial
hTSH β	1	β -LPH	1 vial
hFSH α	1	β -LPH AS	1 vial
hFSH β	1	β -LPH RP	1 vial
hLH α	1	<u>Neurophysins</u>	
hLH β	1	ESN	1 kit (no reference preparation)
rLH α	AS only	NSN	1 kit
rLH β	1	Somatomedin-C AS*	1 vial
rTSH β	1	Somatomedin-C RP†	1 vial
hCG α	2-5 mg	Antialdosterone serum	5 ml
hCG β	2-5 mg	bPTH(RIA)	2 μ g
		bPTH(Bio)	1 mg
		<u>Canine</u>	
		GH	1 kit
		PRL	1 kit
		<u>Rabbit</u>	
		GH	1 kit
		PRL	1 kit
		LH	1 kit
		FSH	1 kit
		TSH	1 kit
		<u>Mouse</u>	
		GH(RIA)	0.1 mg
		PRL	1 kit
		TSH RP only	1 vial
		<u>Monkey</u>	
		FSH(RIA) non-human primate	1 kit
		Hemagglutination inhibition for rhCG	1 kit
		LH(RIA)	1 kit
		<u>Rat</u>	
		Hypothalamic extract	250 ME
		ABP‡	1 kit
		<u>Other</u>	
		LH-FSH-RH	100 μ g, 10 mg
		Relaxin	1 mg
		PMSG	2000 IU
		Labeled Somatomedin-C for RIA for non-human species (USA only)	
		<u>Antisera for Immunocytochemistry</u>	
		hGH, hPRL, hFSH β , hLH β , hTSH β , rPRL	1 vial
		<u>Insulin, etc.</u>	
		Chicken insulin	100 μ g
		Guinea pig insulin	80 μ g
		Porcine desoctapeptide insulin	100 μ g

o = ovine; h = human; r = rat; AS = antiserum.

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

† Two types of reference preparation for Somatomedin-C (a) lyophilized acromegalic serum, and (b) acid chromatographed acromegalic plasma.

‡ 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.

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