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Announcement

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ANNOUNCEMENT

**NATIONAL HORMONE and PITUITARY PROGRAM
NATIONAL INSTITUTE of DIABETES and DIGESTIVE and KIDNEY DISEASES
PEPTIDE HORMONES, SUBUNITS, ANTISERA & OTHER MATERIALS AVAILABLE**

The National Hormone and Pituitary Program (NHPP) offers peptide hormones and their antisera, tissues (human pituitaries and rat hypothalami), and miscellaneous reagents to qualified investigators. These reagents are supplied for research purposes only, not for therapeutic, diagnostic or commercial uses. These materials are procured or donated through programs supported by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), the Center for Population Research of the National Institute of Child Health and Development (CPR, NICHD), the Agricultural Research Service of the U. S. Department of Agriculture (USDA), and Dr. A. F. Parlow of the Harbor-UCLA Medical Center.

NEW MATERIALS AVAILABLE

- | | |
|-----------------------------------------------|----------------------------------------------|
| 1. Recombinant human Activin A | 4. Pregnant Mare Serum Gonadotropin |
| 2. Oxytocin Antiserum & Vasopressin Antiserum | 5. Monkey & Baboon LH & FSH RIA Kits |
| 3. β Endorphin Antiserum | 6. Monkey & Baboon LH & FSH Subunit RIA Kits |

REAGENTS FOR RIA

An RIA kit (1) consists of one vial of "iodination quality" antigen, one vial of "RIA quality" antisera and a reference hormone. Antigen or antisera may be requested individually. General information on these reagents is obtainable by contacting the NHPP. Scientific-technical inquiry should be directed to NIDDK Hormone Distribution Officer, Dr. Phil Smith, and to Dr. A. F. Parlow.

HORMONE	Human	Rat	Ovine	Monkey	Baboon
ACTH	1	1			
CG	1				
CG α	1				
CG β	1				
FSH	1	1	1	1	1
FSH α	1	1		1	1
FSH β	1	1		1	1
GH	1	1	1		
GH, 20K	1				
LH	1	1	1	1	1
LH α	1	1	1	1	1
LH β	1	1	1	1	1
LPH β	1				
NEUROPHYSINS	1				
PL	1				
PRL	1	1	1		
TSH	1	1	1		
TSH α	1	1			
TSH β	1	1			

REAGENTS AVAILABLE BY DIRECT REQUEST TO DR. A. F. PARLOW

Reagents listed below are provided in service of science by Dr. A. F. Parlow, Director, Pituitary Hormones & Antisera Ctr., Harbor-UCLA Med Ctr., 1000 W Carson St, Torrance, CA 90509. **PHONE (310) 222-3537; FAX 222-3432; E-MAIL "PARLOW@AFP76.HUMC.EDU". SEND REQUESTS FOR THESE DIRECTLY TO DR. PARLOW.**

Hormone	Bovine	Canine	Chicken	Equine	Hamster	Monkey	Mouse	Ovine	Porcine	Rabbit
FSH	1						RP only			1
FSHa	1							1	1	
FSH β	1							1	1	
GH	1	1	1	1		1	1		1	1
LH	1	1		1			1		1	1
LHa	1								1	
LH β	1								1	
PRL	1	1	1	1	1		1		1	1
TSH	1			1			1		1	1
TSHa	1							1	1	
TSH β	1							1	1	

**REAGENTS for BIOLOGICAL STUDIES
PITUITARY and PLACENTAL PEPTIDES**

Hormone	Human	Rat	Ovine	Bovine	Porcine	Equine
CG	1 mg					
CG α	1 mg					
CG hybrid	1.5 mg					
FSH	1 mg ¹		0.3 mg/0.25 mg ¹		1 mg*	
FSH recomb in medium	1425 IU					
FSH recomb in medium	11250 IU					
GH	10 mg	5 mg/5 mg ¹	50 mg	10 mg*	10 mg*	
GH, 20K Variant	1 mg					
LH	0.5 mg ¹		10 mg	5 mg*	5 mg*	
PL	5 mg, 2 mg					
PMS Gonadotropin						2000 IU
PRL	1 mg ¹	5 mg/5 mg ¹	50 mg, 10 mg	10 mg	10 mg*	
PRL, Glycosylated			1 mg			
TSH	0.5 mg ¹		1 mg	1 mg		

¹ SIAFP quality, (Selective Immuno Affinity Purified); i.e. devoid of hormonal contaminants.

* OBTAINABLE BY WRITING DIRECTLY TO DR. JOHN PROUDMAN, USDA, ARS, GGPL, BELTSVILLE, MD 20705; PHONE (301) 504-8094; FAX (301) 504-8546; E-MAIL "JOHNP@GGPL.ARSUSDA.GOV".

MISCELLANEOUS PEPTIDES

Porcine Folliculostatin	0.2 U	Human Activin A (recombinant)	50 μ g
Follistatin (recombinant)	0.1 mg/1 mg	Bovine PTH	1 mg

ANTISERA for IMMUNOCYTOCHEMISTRY, WESTERN BLOT, & MISCELLANEOUS

IMMUNOCYTOCHEMISTRY & WESTERN BLOT				MISCELLANEOUS
Peptide Antiserum	Human	Rat	Ovine	
ACTH	1			anti-Aldosterone ³
β Endorphin	1			anti-Somatomedin-C (polyclonal)
Estrogen Rec. ⁴		1		anti-cAMP
FSH β	1	1		Hormone-Specific ImmunoAffinity-Purified Ig to Rat PRL, Rat TSH β , Rat LH β , Rat LH α , Human PRL, Human TSH β , Human LH β available directly from Dr. Parlow. Guinea Pig antisera to all Rat & Human pituitary peptides are available directly from Dr. Parlow.
GH (natural)	1	1 ¹	1	
GH (synthetic)	1			
LH β	1	1 ²	1	
Oxytocin	1	1	1	
PRL	1	1	1	
α Subunit		1		
TSH β	1	1		
FSH, LH α , TSH α		1		
Vasopressin	1	1	1	

All the above antisera were raised in rabbits, except for ¹ monkey, ² guinea pig, ³ sheep.

⁴ A vial of rat Estrogen receptor peptide (amino acid residues 270-284) is included with this reagent.

Requests for NHPP reagents must be submitted on an NHPP application form, by mail or fax, to:

National Hormone and Pituitary Program

685 Lofstrand Lane, Rockville, MD 20850

PHONE (301) 309-3667; FAX (301) 340-9245

E-MAIL "OGDEN@ACCESS.DIGEX.NET"

Application forms are obtainable from the NHPP at this address.

Direct scientific-technical inquiry to NIDDK Hormone Distribution Officer, Dr. Phil Smith at

PHONE (301) 594-8816; E-MAIL "PSS6Z@NIH.GOV", or to

Dr. Parlow at PHONE (310) 222-3537; FAX 222-3432; E-MAIL "PARLOW@AFP76.HUMC.EDU".

All reagents from NHPP are supplied free of charge, but the cost of shipping to non-US locations must be paid for by the requesting investigator.