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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**

**N E W            A D D R E S S**

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The National Hormone and Pituitary Program (NHPP) offers highly purified peptide hormones and their antisera, tissues (rat hypothalami), and miscellaneous reagents to qualified investigators. These reagents are supplied free for research purposes only, not for therapeutic, diagnostic or commercial use. These reagents are procured or donated through programs supported principally by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), and also by the Center for Population Research of the National Institute of Child Health and Development (CPR, NICHD), and Dr. A. F. Parlow of the Harbor-UCLA Medical Center, Research & Education Institute.

**N E W   M A T E R I A L S   A V A I L A B L E**

- |   |                                    |
|---|------------------------------------|
| 1. recombinant LEPTIN ( mouse)                | 5. recombinant INHIBIN A (human)   |
| 2. recombinant PROLACTIN (mouse)              | 6. Glycosylated PROLACTIN (human)  |
| 3. recombinant FSH & CG (human) (Ares-Serono) | 7. Porcine RELAXIN                 |
| 4. mouse PROLACTIN RIA                        | 8. OXYTOCIN & VASOPRESSIN Antisera |

**HORMONE ANTIGENS & ANTISERA for RIA or other IMMUNOASSAY or RRA**

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. "Iodination quality" antigen is not pre-iodinated. It is to be iodinated by the requester. For technical information on these reagents contact NHPP's Scientific Director, Dr. A. F. Parlow.

HORMONE	HUMAN	RAT	MOUSE	OVINE	BOVINE	PORCINE	MONKEY	BABOON
ACTH	1	1						
CG	1							
CG $\alpha$	1							
CG $\beta$	1							
FSH	1	1	1	1	1		1	1
FSH $\alpha$	1	1		1	1	1	1	1
FSH $\beta$	1	1		1	1	1	1	1
GH	1	1	1	1		1	1	
GH, 20K	1							
LH	1	1	1	1		1	1	1
LH $\alpha$	1	1			1	1	1	1
LH $\beta$	1	1		1	1	1	1	1
LPH $\beta$	1							
NEUROPHYSINS	1							
PL	1							
PRL	1	1	1	1		1		
TSH	1	1	1	1	1	1		
TSH $\alpha$	1	1		1	1	1		
TSH $\beta$	1	1		1	1	1		

## ADDITIONAL REAGENTS FOR RIA

HORMONE	Canine	Chicken	Equine	Hamster	Rabbit
FSH					1
GH	1	1	1		1
LH			1		1
PRL	1	1	1	1	1
TSH			1		1

 REAGENTS for BIOLOGICAL STUDIES  
 Highly Purified PITUITARY and PLACENTAL PEPTIDES

Hormone	Human	Rat	Mouse	Ovine	Bovine	Porcine	Equine
CG, urinary	1 mg						
CG, recomb (Serono)	0.5 mg						
CG $\alpha$ & CG $\beta$ , recomb	0.1 mg						
FSH, pituitary	0.1 mg, 0.25 mg <sup>1</sup>			0.3 mg/0.25 mg <sup>1</sup>	0.1 mg	0.1 mg	
FSH, recomb (Serono)	0.1 mg						
GH	10 mg	5 mg/1 mg <sup>1</sup>	0.5 mg	50 mg	2 mg, 10 mg	2 mg, 10 mg	1 mg
GH, 20K Variant	1 mg						
LEPTIN			0.5 mg				
LH	0.5 mg <sup>1</sup>			10 mg	1 mg, 5 mg	1 mg, 5 mg	
PL	5 mg, 2 mg						
PMS Gonadotropin							2000 IU 10000 IU
PRL	0.1 mg, 0.5 mg <sup>1</sup>	1 mg/1 mg <sup>1</sup>	0.5 mg	50 mg, 10 mg	2 mg, 10 mg	2 mg, 10 mg	
PRL, Glycosylated	0.1 mg			1 mg			
TSH	0.5 mg <sup>1</sup>			1 mg	1 mg	1 mg	

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

## MISCELLANEOUS PEPTIDES

Human Activin A (recombinant)	50 $\mu$ g	Porcine Folliculostatin	0.2 U
Human Follistatin (recombinant)	0.1 mg	Bovine PTH	1 mg
Human Inhibin A (recombinant)	10 $\mu$ g, 25 $\mu$ g	Porcine Relaxin	1.0 mg

## ANTIBODIES for IMMUNOCYTOCHEMISTRY, WESTERN BLOT, etc.

IMMUNOCYTOCHEMISTRY & WESTERN BLOT				MISCELLANEOUS
Peptide Antiserum	Human	Rat	Ovine	
ACTH	1	1		anti-Aldosterone <sup>3</sup>
$\beta$ Endorphin	1			anti-Somatostatin-C (polyclonal)
Estrogen & Androgen Receptor <sup>4</sup>		1		anti-cAMP
Follistatin	1			ImmunoAffinity-Purified Ig (Rabbit) to Rat PRL, Rat TSH $\beta$ , Rat LH $\beta$ , Rat LH $\alpha$ , Human PRL, Human TSH $\beta$ , Human LH $\beta$ .
FSH $\beta$	1	1	1	
GH (natural)	1	1 <sup>1,2</sup>	1	
GH (synthetic)	1			Guinea Pig antisera to all Rat & Human pituitary peptides.
LH $\beta$	1	1 <sup>1,2</sup>	1	
Oxytocin	1	1	1	
PRL	1	1	1	
$\alpha$ Subunit	1	1	1	
TSH $\beta$	1	1	1	
FSH, LH <sup>2</sup> , TSH <sup>2</sup>		1		
Vasopressin	1	1	1	

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

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

**Submit requests for reagents on an NHPP Application Form by FAX to (310) 222-3432  
or by mail to Dr. A. F. Parlow, Scientific Director, National Hormone & Pituitary Program.  
APPLICATION FORMS are OBTAINABLE at WEB ADDRESS <http://www.humc.edu/hormones>  
or by EMAIL or FAX or PHONE request to Dr. Parlow.**

**Direct all inquiries to Dr. Parlow at  
PHONE (310) 222-3537      FAX (310) 222-3432      E-MAIL "PARLOW@HUMC.EDU"**

**All reagents from NHPP are supplied free of charge. The reagents are sent free via U.S. Mails (unless otherwise specified & paid for by the requesting researcher). Exceptions: - Activin A & Inhibin A are sent refrigerated, via FEDEX, at requester's expense.**