**NATIONAL HORMONE and PEPTIDE PROGRAM**  
**NATIONAL INSTITUTE of DIABETES and DIGESTIVE and KIDNEY DISEASES**

*PEPTIDE HORMONES, ANTISERA & OTHER REAGENTS AVAILABLE*

The National Hormone and Peptide Program (NHPP) offers HIGHLY PURIFIED natural & recombinant peptide hormones and their antisera, tissues (human pituitary glands, rat hypothalamus), and miscellaneous other reagents for qualified investigators, for research purposes or diagnostic or commercial use. These reagents and hormone assay services are being provided or procured primarily by Dr. A.F. Parlow, Ares-Serono, Monsanto, & Connetics donated some products.

DIRECT INQUIRIES and SUGGESTIONS to NHPP's Scientific Director, Dr. A.F. Parlow. E-MAIL: "parlow@humc.edu"

**TEL**: 312-222-3537  **E-MAIL**: "parlow@humc.edu"  **FAX**: 312-222-3472  **WEBSITE**: www.humc.edu/hormones

### RECOMBINANT PEPTIDE HORMONES

<table>
<thead>
<tr>
<th>LEPTIN, human, mouse, chicken</th>
<th>RELAXIN, human</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROWTH HORMONE, human, rat, mouse, bovine, porcine</td>
<td>PROLACTIN, human, rat, mouse</td>
</tr>
<tr>
<td>FSH, CG, human</td>
<td>IGF-I, human</td>
</tr>
<tr>
<td></td>
<td>PLACENTAL LACTOGEN, human</td>
</tr>
</tbody>
</table>

### AUTHENTIC, HIGHLY PURIFIED PITUITARY HORMONES

for BIOLOGIC, IMMUNOLOGIC & RECEPTOR STUDIES

FSH, LH, TSH, & THEIR SUBUNITS, GH, PROLACTIN, ACTH of many species including Rat, Mouse, Human, Ovine, Bovine, Porcine, Monkey, Equine, Canine, Rabbit, Hamster, Chicken, and Other Species

### HORMONE ASSAY SERVICES

for MOUSE, RAT, RABBIT, DOG, MONKEY, HORSE

FSH, LH, TSH, PRL, GH, Thyroxine, IGF-I, Testosterone, Estradiol, Cortisol, Corticosterone

### MOUSE PITUITARY HORMONES

Mouse PROLACTIN and Mouse GROWTH HORMONE for Biologic Studies

Mouse GH, PROLACTIN, LH, FSH, & TSH for Immuno-Assays

ANTISERA to Mouse Pituitary Hormones for IC and WB, and IP

### ANTISERA SPECIFIC for each HORMONE & SUBUNIT

for Immunocytochemistry, Western Blot, RIA, EIA, & Immunoprecipitation for Rat, Mouse, Human, Ovine, Bovine, Porcine, Monkey, Equine, Canine, Rabbit, Hamster, Chicken, and Other Species

### NEW ANTISERA to Recombinant PROLACTINS

Rat, Mouse, Human, & Ovine

### SYNTHETIC PEPTIDE HORMONES

GnRH  Ovine CRF  Rat ACTH  Human GRF

SEE NEXT PAGE
NATIONAL HORMONE and PEPTIDE PROGRAM

HIGHLY PURIFIED HORMONES for BIOLOGICAL STUDIES
Highly Purified PITUITARY, PLACENTAL, and HYPOTHALAMIC PEPTIDES
MULTIPLE VIAMS CAN BE ORDERED

<table>
<thead>
<tr>
<th>Hormone</th>
<th>Human</th>
<th>Rat</th>
<th>Mouse</th>
<th>Ovine</th>
<th>Bovine</th>
<th>Porcine</th>
<th>Equine</th>
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<td>0.1 mg</td>
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<tr>
<td>CG recombinant, Serono</td>
<td>0.1 mg, 0.25 mg</td>
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<tr>
<td>CGg &amp; CGβ, recombinant</td>
<td></td>
<td>0.1 mg</td>
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<tr>
<td>CRF</td>
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<td>0.1 mg</td>
<td>0.1 mg</td>
<td>0.1 mg</td>
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<tr>
<td>FSH, pituitary</td>
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<td>0.1 mg</td>
<td>0.1 mg</td>
<td>0.1 mg</td>
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<tr>
<td>FSH recombinant, Serono</td>
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<tr>
<td>GH, pituitary</td>
<td>10 mg</td>
<td>5 mg/1 mg</td>
<td>0.5 mg</td>
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<td>2 mg, 10 mg</td>
<td>1 mg, 5 mg</td>
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<td>1 mg, 10 mg</td>
<td>1 mg, 10 mg</td>
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<td>GRF (Serono)</td>
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<td>IGFI</td>
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<tr>
<td>LEPTIN</td>
<td>0.5 mg, 1.0 mg</td>
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<td></td>
<td></td>
<td>(also, chicken LEPTIN, 0.5 mg)</td>
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<tr>
<td>LH</td>
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<td></td>
<td>1mg,5mg,10mg</td>
<td>1 mg, 5 mg</td>
<td>1 mg, 5 mg</td>
<td>0.1 mg</td>
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<tr>
<td>PMS Gonaotropin for Superovulation</td>
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<tr>
<td>PRL</td>
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<td>0.1 mg</td>
<td>1 mg/1 mg</td>
<td>10 mg</td>
<td>2 mg, 10 mg</td>
<td>2 mg, 10 mg</td>
<td>0.1 mg</td>
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<td>1 mg</td>
<td>1mg,2mg,5mg</td>
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<td>TSH</td>
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<td>1 mg</td>
<td>1 mg</td>
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1 SIAFP quality, (Selective Immuno Affinity Purified); i.e. devoid of hormonal contaminants.

ANTIBODIES for IMMUNOCYTOCHEMISTRY, WESTERN BLOT, & IMMUNOPRECIPITATION

<table>
<thead>
<tr>
<th>Hormone</th>
<th>Immunocytochemistry &amp; Western Blot</th>
<th>Miscellaneous</th>
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<td>ACTH</td>
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<td>β Endorfin</td>
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<td>Estrogen &amp; Androgen Receptor</td>
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<td>Folitostatin</td>
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<td>FSHβ</td>
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<td>GH (natural)</td>
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<td>GH (recombinant)</td>
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<td>Leptin</td>
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<td>FSH, LH, TSH</td>
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<td>Vasopressin</td>
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1 ALL THE ABOVE ANTISERA WERE RAISED IN RABBITS.

SYNTHETIC HYPOTHALAMIC PEPTIDES

<table>
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<tr>
<th>Hormone</th>
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<tbody>
<tr>
<td>GnRH</td>
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<tr>
<td>Human GRF (Ares-Serono)</td>
<td>1 mg</td>
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<tr>
<td>Ovine CRF, Rat CRF</td>
<td>0.1 mg</td>
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SEE NEXT PAGE
NATIONAL HORMONE and PEPTIDE PROGRAM

HORMONE ANTIGENS & ANTISERA for IMMUNO or RECEPTOR ASSAY or "STANDARDS"

A 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. (TEL: 310-222-3537 E-MAIL: "PARLOW@HUMC.EDU" FAX: 310-222-3432)

<table>
<thead>
<tr>
<th>HORMONE</th>
<th>HUMAN</th>
<th>RAT</th>
<th>MOUSE</th>
<th>OVINE</th>
<th>BOVINE</th>
<th>PORCINE</th>
<th>MONKEY</th>
<th>BABOON</th>
<th>CANINE</th>
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MISCELLANEOUS

| Human RELAXIN  | 0.1 mg, 0.5 mg | Porcine Folliculostatin | 0.2 U |
| Guinea Pig Growth Hormone | 50 µg | Bovine PTH | 1 mg |
| MIFEPRISTONE (CICCR) | 100 mg | Porcine RELAXIN | 0.1 mg |

Submit requests for NHPP reagents via FAX (310-222-3432) or EMAIL (parlow@humc.edu) or AIR MAIL or PHONE (310-222-3537) to Dr. A. F. Parlow, Scientific Director, National Hormone & Peptide Program, Harbor-UCLA Medical Center, 1000 W. Carson St., Torrance, California 90509, U.S.A.

Application Forms are obtainable at Web Site http://www.humc.edu/hormones

The only information actually required is
Researcher’s Name, Institutional Address, Academic or Corporate Title, and PHONE, FAX, EMAIL, and FEDEX ACCOUNT Number.

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 sent via U.S. Mails unless otherwise specified & paid for by the requesting researcher.