Dear Dr. Winn:

Please refer to your supplemental new drug application dated July 17, 2003, received July 18, 2003, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act for Humalog® Mix 50/50 (50% insulin lispro protamine suspension and 50% insulin lispro injection, [rDNA origin]).

We acknowledge receipt of your submissions dated October 14 (2), November 18, 2003.

This supplemental new drug application provides for an additional manufacturing site for the assembly of the Humalog Mix 50/50 Pen in (b)(4)------ at the Lilly facility in Indianapolis, Indiana.

We completed our review of this application, as amended. This application is approved, effective on the date of this letter, for use as recommended in the agreed-upon labeling text.

The final printed labeling (FPL) must be identical to the enclosed labeling (text for the package insert, text for the patient package insert, Humalog Mix 50/50 Pen User Manual, immediate container, and carton labels).

Please submit the FPL electronically according to the guidance for industry titled Providing Regulatory Submissions in Electronic Format – NDA. Alternatively, you may submit 20 paper copies of the FPL as soon as it is available, in no case more than 30 days after it is printed. Please individually mount 15 of the copies on heavy-weight paper or similar material. For administrative purposes, this submission should be designated "FPL for approved supplement NDA 21-018/S-011.” Approval of this submission by FDA is not required before the labeling is used.
In addition, submit three copies of the introductory promotional materials that you propose to use for this product. Submit all proposed materials in draft or mock-up form, not final print. Send one copy to this division and two copies of both the promotional materials and the package insert directly to:

Division of Drug Marketing, Advertising, and Communications, HFD-42
Food and Drug Administration
5600 Fishers Lane
Rockville, MD 20857

If you issue a letter communicating important information about this drug product (i.e., a “Dear Health Care Professional” letter), we request that you submit a copy of the letter to this NDA and a copy to the following address:

MEDWATCH, HFD-410
FDA
5600 Fishers Lane
Rockville, MD 20857

We remind you that you must comply with reporting requirements for an approved NDA (21 CFR 314.80 and 314.81).

If you have any questions, call Julie Rhee, Regulatory Project Manager, at (301) 827-6424.

Sincerely,

{See appended electronic signature page}

David G. Orloff, M.D.
Director
Division of Metabolic and Endocrine Drug Products, HFD-510
Office of Drug Evaluation II
Center for Drug Evaluation and Research

Enclosures: 1. Package insert (A3.0 NL 4500 AMP)
2. INFORMATION FOR THE PATIENT (A3.0 NL 4510 AMP)
3. Disposable Insulin Delivery Device (Humalog Mix 50/50 Pen) User Manual (A3.0 NL 3730 AMP)
4. Container label for Humalog Mix 50/50 Pen (NL 9850 AMX)
5. Carton label for Humalog Mix 50/50 Pen (NL 3750 AMS)
This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signature.

/s/

David Orloff
11/19/03 11:57:16 AM