



AMEVIVE® (alefacept)

DESCRIPTION

AMEVIVE® (alefacept) is an immunosuppressive dimeric fusion protein that consists of the extracellular CD2-binding portion of the human leukocyte function antigen-3 (LFA-3) linked to the Fc (hinge, C_H2 and C_H3 domains) portion of human IgG1. Alefacept is produced by recombinant DNA technology in a Chinese Hamster Ovary (CHO) mammalian cell expression system. The molecular weight of alefacept is 91.4 kilodaltons.

AMEVIVE® is supplied as a sterile, white-to-off-white, preservative-free, lyophilized powder for parenteral administration. After reconstitution with 0.6 mL of the supplied Sterile Water for Injection, USP, the solution of AMEVIVE® is clear, with a pH of approximately 6.9.

AMEVIVE® is available in two formulations. AMEVIVE® for intramuscular injection contains 15 mg alefacept per 0.5 mL of reconstituted solution. AMEVIVE® for intravenous injection contains 7.5 mg alefacept per 0.5 mL of reconstituted solution. Both formulations also contain 12.5 mg sucrose, 5.0 mg glycine, 3.6 mg sodium citrate dihydrate, and 0.06 mg citric acid monohydrate per 0.5 mL.

CLINICAL PHARMACOLOGY

AMEVIVE® interferes with lymphocyte activation by specifically binding to the lymphocyte antigen, CD2, and inhibiting LFA-3/CD2 interaction. Activation of T lymphocytes involving the interaction between LFA-3 on antigen-presenting cells and CD2 on T lymphocytes plays a role in the pathophysiology of chronic plaque psoriasis. The majority of T lymphocytes in psoriatic lesions are of the memory effector phenotype characterized by the presence of the CD45RO marker¹, express activation markers (e.g., CD25, CD69) and release inflammatory cytokines, such as interferon γ .

AMEVIVE® also causes a reduction in subsets of CD2+ T lymphocytes (primarily CD45RO+), presumably by bridging between CD2 on target lymphocytes and immunoglobulin Fc receptors on cytotoxic cells, such as natural killer cells. Treatment with AMEVIVE® results in a reduction in circulating total CD4+ and CD8+ T lymphocyte counts. CD2 is also expressed at low levels on the surface of natural killer cells and certain bone marrow B lymphocytes. Therefore, the potential exists for AMEVIVE® to affect the activation and numbers of cells other than T lymphocytes. In clinical studies of AMEVIVE®, minor changes in the numbers of circulating cells other than T lymphocytes have been observed.

Pharmacokinetics

In patients with moderate to severe plaque psoriasis, following a 7.5 mg intravenous (IV) administration, the mean volume of distribution of alefacept was 94 mL/kg, the mean clearance was 0.25 mL/h/kg, and the mean elimination half-life was approximately 270 hours. Following an intramuscular (IM) injection, bioavailability was 63%.

The pharmacokinetics of alefacept in pediatric patients have not been studied. The effects of renal or hepatic impairment on the pharmacokinetics of alefacept have not been studied.

Pharmacodynamics

At doses tested in clinical trials, AMEVIVE® therapy resulted in a dose-dependent decrease in circulating total lymphocytes². This reduction predominantly affected the memory effector subset of the CD4+ and CD8+ T lymphocyte compartments (CD4+CD45RO+ and CD8+CD45RO+), the predominant phenotype in psoriatic lesions. Circulating naïve T lymphocyte and natural killer cell counts appeared to be only minimally susceptible to AMEVIVE® treatment, while circulating B lymphocyte counts appeared not to be affected by AMEVIVE® (see **ADVERSE REACTIONS, Effect on Lymphocyte Counts**).

CLINICAL STUDIES

AMEVIVE® was evaluated in two randomized, double-blind, placebo-controlled studies in adults with chronic (≥ 1 year) plaque psoriasis and a minimum body surface area involvement of 10% who were candidates for or had previously received systemic therapy or phototherapy. Each course consisted of once-weekly administration for 12 weeks (IV for Study 1, IM for Study 2) of placebo or AMEVIVE®. Patients could receive concomitant low potency topical steroids. Concomitant phototherapy or systemic therapy was not allowed.

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In Study 1, patients were randomized to receive one or two courses of AMEVIVE® 7.5 mg administered by IV bolus. The first and second courses in the two-course cohort were separated by at least a 12-week post-dosing interval. A total of 553 patients were randomized into three cohorts (**Table 1**).

Table 1. Treatment Group and Number of Patients Dosed in Study 1

	Course 1 (No. of patients)	Course 2 (No. of patients)
Cohort 1	AMEVIVE® (183)	AMEVIVE® (154)
Cohort 2	AMEVIVE® (184)	Placebo (142)
Cohort 3	Placebo (186)	AMEVIVE® (153)

Study 2 provided a basis for comparison of patients treated with either 10 mg or 15 mg AMEVIVE® IM. One hundred seventy-three patients were randomized to receive 10 mg of AMEVIVE® IM, 166 to receive 15 mg of AMEVIVE® IM, and 168 to receive placebo.

In Studies 1 and 2, 77% of patients had previously received systemic therapy and/or phototherapy for psoriasis. Of these, 23% and 19%, respectively, had failed to respond to at least one of these previous therapies.

Table 2 shows the treatment response in the first course of Study 1 and Study 2. Response to treatment in both studies was defined as the proportion of patients with a reduction in score on the Psoriasis Area and Severity Index (PASI)³ of at least 75% from baseline at two weeks following the 12-week treatment period.

Other treatment responses included the proportion of patients who achieved a scoring of “almost clear” or “clear” by Physician Global Assessment (PGA) and the proportion of patients with a reduction in PASI of at least 50% from baseline two weeks after the 12-week treatment period.

Table 2. Percentage of Patients Responding to the First Course of Treatment in Study 1 (the Intravenous Study) and Study 2 (the Intramuscular Study) Two Weeks Post Dosing

	Study 1			Study 2		
Treatment response: (reduction in disease activity from baseline)	Placebo (N=186)	AMEVIVE® 7.5 mg IV (N=367) ¹	Difference (95% CI)	Placebo (N=168)	AMEVIVE® 15 mg IM (N=166)	Difference (95% CI)
$\geq 75\%$ reduction PASI	4%	14%	10* (6, 15)	5%	21%	16* (9, 23)
$\geq 50\%$ reduction PASI	10%	38%	28* (22, 35)	18%	42%	24* (14, 33)
PGA “almost clear” or “clear”	4%	11%	7+ (3, 12)	5%	14%	9§ (3, 15)

¹Cohorts 1 and 2 are combined.

*p values <0.001

⁺p value 0.004

[§]p value 0.006

In Study 2, the proportion of responders to the 10 mg IM dose was higher than placebo, but the difference was not statistically significant.

In both studies, onset of response to AMEVIVE® treatment (at least a 50% reduction of baseline PASI) began 60 days after the start of therapy.

With one course of therapy in Study 1 (IV route), the median duration of response (defined as maintenance of a 75% or greater reduction in PASI) was 3.5 months for AMEVIVE®-treated patients and 1 month for placebo-treated patients. In Study 2 (IM route), the median duration of response was approximately 2 months for both AMEVIVE®-treated patients and placebo-treated patients.

Most patients who had responded to either AMEVIVE® or placebo maintained a 50% or greater reduction in PASI through the 3-month observation period.

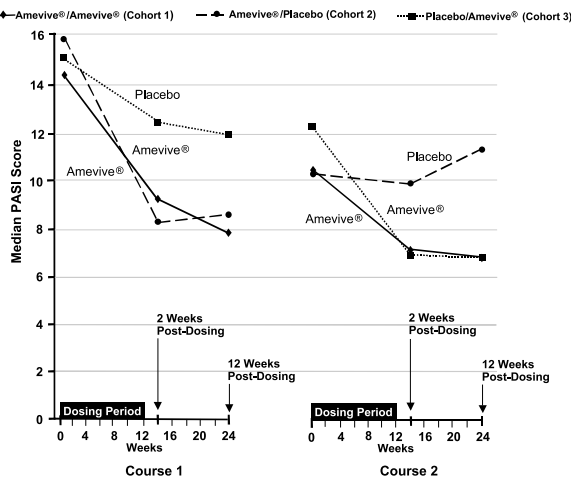
Among responders in Study 1 who received AMEVIVE® 7.5 mg IV or in Study 2 who received AMEVIVE® 15 mg IM and were followed off active treatment before AMEVIVE® retreatment, a 50% or greater reduction in PASI was maintained for a median of 7 months.

Some patients achieved their maximal response beyond 2 weeks post-dosing. In Studies 1 and 2, an additional 11% (42/367) and 7% (12/166) of patients treated with AMEVIVE®, respectively, achieved a 75% reduction from baseline PASI score at one or more visits after the first 2 weeks of the follow-up period.

Retreatment

Patients in Study 1 who had completed the first IV treatment course were eligible to receive a second treatment course if their psoriasis was less than “clear” by PGA and their CD4+ T lymphocyte count was above the lower limit of normal. The level of response (decrease in median PASI score) over the two courses of IV treatment is shown in **Figure 1**. The median reduction in PASI score was greater in patients who received a second course of AMEVIVE® treatment (see Cohort 1) compared to patients who received placebo (see Cohort 2).

Figure 1. Median PASI Score Over Time



Drug Interactions

No formal interaction studies have been performed.

Carcinogenesis, Mutagenesis, and Fertility

In a chronic toxicity study, cynomolgus monkeys were dosed weekly for 52 weeks with intravenous alefacept at 1 mg/kg/dose or 20 mg/kg/dose. One animal in the high dose group developed a B-cell lymphoma that was detected after 28 weeks of dosing. Additional animals in both dose groups developed B-cell hyperplasia of the spleen and lymph nodes. One-year post-treatment there was no evidence of alefacept-related lymphoma or B-cell hyperplasia in any of the remaining treated monkeys.

All animals in the study were positive for an endemic primate gammaherpes virus also known as lymphocryptovirus (LCV). Latent LCV infection is generally asymptomatic, but can lead to B-cell lymphomas when animals are immune suppressed.

In a separate study, baboons given 3 doses of alefacept at 1 mg/kg every 8 weeks were found to have centroblast proliferation in B-cell dependent areas in the germinal centers of the spleen following a 116-day washout period.

The role of AMEVIVE® in the development of the lymphoid malignancy and the hyperplasia observed in non-human primates and the relevance to humans is unknown. Immunodeficiency-associated lymphocyte disorders (plasmacytic hyperplasia, polymorphic proliferation, and B-cell lymphomas) occur in patients who have congenital or acquired immunodeficiencies including those resulting from immunosuppressive therapy.

No formal carcinogenicity or fertility studies were conducted.

Mutagenicity studies were conducted *in vitro* and *in vivo*; no evidence of mutagenicity was observed.

Pregnancy (Category B)

Women of childbearing potential make up a considerable segment of the patient population affected by psoriasis. Since the effect of AMEVIVE® on pregnancy and fetal development, including immune system development, is not known, health care providers are encouraged to enroll patients currently taking AMEVIVE® who become pregnant into the Biogen Idec Pregnancy Registry by calling 1-866-AMEVIVE (1-866-263-8483).

Reproductive toxicology studies have been performed in cynomolgus monkeys at doses up to 5 mg/kg/week (about 62 times the human dose based on body weight) and have revealed no evidence of impaired fertility or harm to the fetus due to AMEVIVE®. No abortifacient or teratogenic effects were observed in cynomolgus monkeys following intravenous bolus injections of AMEVIVE® administered weekly during the period of organogenesis to gestation. AMEVIVE® underwent trans-placental passage and produced *in utero* exposure in the developing monkeys. *In utero*, serum levels of exposure in these monkeys were 23% of maternal serum levels. No evidence of fetal toxicity including adverse effects on immune system development was observed in any of these animals.

Animal reproduction studies, however, are not always predictive of human response and there are no adequate and well-controlled studies in pregnant women. Because the risk to the development of the fetal immune system and postnatal immune function in humans is unknown, AMEVIVE® should be used during pregnancy only if clearly needed. If pregnancy occurs while taking AMEVIVE®, continued use of the drug should be assessed.

Nursing Mothers

It is not known whether AMEVIVE® is excreted in human milk. Because many drugs are excreted in human milk, and because there exists the potential for serious adverse reactions in nursing infants from AMEVIVE®, a decision should be made whether to discontinue nursing while taking the drug or to discontinue the use of the drug, taking into account the importance of the drug to the mother.

Geriatric Use

Of the 1869 patients who received AMEVIVE® in clinical trials, a total of 129 patients were ≥ 65 years of age and 16 patients were ≥ 75 years of age. No differences in safety or efficacy were observed between older and younger patients, but there were not sufficient data to exclude important differences. Because the incidence of infections and certain malignancies is higher in the elderly population, in general, caution should be used in treating the elderly.

Pediatric Use

The safety and efficacy of AMEVIVE® in pediatric patients have not been studied. AMEVIVE® is not indicated for pediatric patients.

ADVERSE REACTIONS

The most serious adverse reactions were:

- Lymphopenia (see **WARNINGS**)
- Malignancies (see **WARNINGS**)
- Serious Infections requiring hospitalization (see **WARNINGS**)
- Hypersensitivity Reactions (see **PRECAUTIONS, Allergic Reactions**)

Commonly observed adverse events seen in the first course of placebo-controlled clinical trials with at least a 2% higher incidence in the AMEVIVE®-treated patients compared to placebo-treated patients were: pharyngitis, dizziness, increased cough, nausea, pruritus, myalgia, chills, injection site pain, injection site inflammation, and accidental injury. The only adverse event that occurred at a 5% or higher incidence among AMEVIVE®-treated patients compared to placebo-treated patients was chills (1% placebo vs. 6% AMEVIVE®), which occurred predominantly with intravenous administration.

The adverse reactions which most commonly resulted in clinical intervention were cardiovascular events including coronary artery disorder in <1% of patients and myocardial infarct in <1% of patients. These events were not observed in any of the 413 placebo-treated patients. The total number of patients hospitalized for cardiovascular events in the AMEVIVE®-treated group was 1.2% (11/876).

The most common events resulting in discontinuation of treatment with AMEVIVE® were CD4+ T lymphocyte levels below 250 cells/μL (see **WARNINGS**, and **ADVERSE REACTIONS, Effect on Lymphocyte Counts**), headache (0.2%), and nausea (0.2%).

Because clinical trials are conducted under widely varying conditions, adverse event rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice. The adverse reaction information does, however, provide a basis for identifying the adverse events that appear to be related to drug use and a basis for approximating rates.

The data described below reflect exposure to AMEVIVE® in a total of 1869 psoriasis patients, of whom 1315 (70%) received 1 to 2 courses of therapy and 554 (30%) received 3 or more courses. The median duration of follow-up was 8.4 months for the patients who received 1 to 2 courses and 27.7 months for the patients who received 3 or more courses of AMEVIVE®. Of the 1869 total patients, 876 received their first course in placebo-controlled studies. The population studied ranged in age from 16 to 84 years, and included 69% men and 31% women. The patients were mostly Caucasian (88%), reflecting the general psoriatic population. Disease severity at baseline was moderate to severe psoriasis.

Effect on Lymphocyte Counts

In the intramuscular study (Study 2), 4% of patients temporarily discontinued treatment and no patients permanently discontinued treatment due to CD4+ T lymphocyte counts below the specified threshold of 250 cells/μL. In Study 2, 10%, 28%, and 42% of patients had total lymphocyte, CD4+, and CD8+ T lymphocyte counts below normal, respectively. Twelve weeks after a course of therapy (12 weekly doses), 2%, 8%, and 21% of patients had total lymphocyte, CD4+, and CD8+ T cell counts below normal.

In the first course of the intravenous study (Study 1), 10% of patients temporarily discontinued treatment and 2% permanently discontinued treatment due to CD4+ T lymphocyte counts below the specified threshold of 250 cells/μL. During the first course of Study 1, 22% of patients had total lymphocyte counts below normal, 48% had CD4+ T lymphocyte counts below normal and 59% had CD8+ T lymphocyte counts below normal. The maximal effect on lymphocytes was observed within 6 to 8 weeks of initiation of treatment. Twelve weeks after a course of therapy (12 weekly doses), 4% of patients had total lymphocyte counts below normal, 19% had CD4+ T lymphocyte counts below normal, and 36% had CD8+ T lymphocyte counts below normal.

For patients receiving a second course of AMEVIVE® in Study 1, 17% of patients had total lymphocyte counts below normal, 44% had CD4+ T lymphocyte counts below normal, and 56% had CD8+ T lymphocyte counts below normal. Twelve weeks after completing dosing, 3% of patients had total lymphocyte counts below normal, 17% had CD4+ T lymphocyte counts below normal, and 35% had CD8+ T lymphocyte counts below normal (see **WARNINGS**, and **PRECAUTIONS, Laboratory Tests**).

Malignancies

In the 24-week period constituting the first course of placebo-controlled studies, 13 malignancies were diagnosed in 11 AMEVIVE®-treated patients. The incidence of malignancies was 1.3% (11/876) for AMEVIVE®-treated patients compared to 0.5% (2/413) in the placebo group.

Among 1869 patients who received AMEVIVE® at any dose in clinical trials, 43 patients were diagnosed with 63 treatment-emergent malignancies. The majority of the malignancies were non-melanoma skin cancers: 46 cases (20 basal cell, 26 squamous cell carcinomas) in 27 patients. Other malignancies observed in AMEVIVE®-treated patients included melanoma (n=3), solid organ malignancies (n=12 in 11 patients), and lymphomas (n=5); the latter consisted of two Hodgkin's and two non-Hodgkin's lymphomas, and one cutaneous T cell lymphoma (mycosis fungoides).

Infections

In the 24-week period constituting the first course of placebo-controlled studies, serious infections (infections requiring hospitalization) were seen at a rate of 0.9% (8/876) in AMEVIVE®-treated patients and 0.2% (1/413) in the placebo group. In patients receiving repeated courses of AMEVIVE® therapy, the rates of serious infections remained similar across courses of therapy. Serious infections among 1869 AMEVIVE®-treated patients included cellulitis, abscesses, wound infections, toxic shock, pneumonia, appendicitis, cholecystitis, gastroenteritis and herpes infections.

Hypersensitivity Reactions

In clinical studies, 4 of 1869 (0.2%) patients were reported to experience angioedema: two of these patients were hospitalized. In the 24-week period constituting the first course of placebo-controlled studies, urticaria was reported in 6 (<1%) AMEVIVE®-treated patients vs. 1 patient in the control group. Urticaria resulted in discontinuation of therapy in one of the AMEVIVE®-treated patients.

Hepatic Injury

In post-marketing experience there have been reports of asymptomatic transaminase elevation, fatty infiltration of the liver, hepatitis, and severe liver failure (see **PRECAUTIONS, Hepatic Injury**).

In the 24-week period constituting the first course of placebo-controlled studies, 1.7% (15/876) of AMEVIVE®-treated patients and 1.2% (5/413) of the placebo group experienced ALT and/or AST elevations of at least 3 times the upper limit of normal.

Injection Site Reactions

In the intramuscular study (Study 2), 16% of AMEVIVE®-treated patients and 8% of placebo-treated patients reported injection site reactions. In patients receiving repeated courses of AMEVIVE® IM therapy, the incidence of injection site reactions remained similar across courses of therapy. Reactions at the site of injection were generally mild, typically occurred on single occasions, and included either pain (7%), inflammation (4%), bleeding (4%), edema (2%), non-specific reaction (2%), mass (1%), or skin hypersensitivity (<1%). In the clinical trials, a single case of injection site reaction led to the discontinuation of AMEVIVE®.

Immunogenicity

Approximately 3% (50/1357) of patients receiving AMEVIVE® developed low-titer antibodies to alefacept. No apparent correlation of antibody development and clinical response or adverse events was observed. The long-term immunogenicity of AMEVIVE® is unknown.

The data reflect the percentage of patients whose test results were considered positive for antibodies to alefacept in an ELISA assay, and are highly dependent on the sensitivity and specificity of the assay. Additionally, the observed incidence of antibody positivity in an assay may be influenced by several factors including sample handling, timing of sample collection, concomitant medications, and underlying disease. For these reasons, comparison of the incidence of antibodies to alefacept with the incidence of antibodies to other products may be misleading.

OVERDOSAGE

The highest dose tested in humans (0.75 mg/kg IV) was associated with chills, headache, arthralgia, and sinusitis within one day of dosing. Patients who have been inadvertently administered an excess of the recommended dose should be closely monitored for effects on total lymphocyte count and CD4+ T lymphocyte count.

DOSAGE AND ADMINISTRATION

AMEVIVE® should only be used under the guidance and supervision of a physician.

The recommended dose of AMEVIVE® is 7.5 mg given once weekly as an IV bolus or 15 mg given once weekly as an IM injection. The recommended regimen is a course of 12 weekly injections. Retreatment with an additional 12-week course may be initiated provided that CD4+ T lymphocyte counts are within the normal range, and a minimum of a 12-week interval has passed since the previous course of treatment.

The CD4+ T lymphocyte counts of patients receiving AMEVIVE® should be monitored before initiating dosing and every two weeks throughout the course of the 12-week dosing regimen. If CD4+ T lymphocyte counts are below 250 cells/μL, AMEVIVE® dosing should be withheld and weekly monitoring instituted. AMEVIVE® should be discontinued if the counts remain below 250 cells/μL for one month (see **PRECAUTIONS, Laboratory Tests**).

Preparation Instructions

AMEVIVE® should be reconstituted by a health care professional using aseptic technique. Each vial is intended for single patient use only.

Do not use AMEVIVE® beyond the date stamped on the carton, dose pack lid (IV), drug/diluent pack (IM), AMEVIVE® vial label, or diluent container label.

AMEVIVE® 15 mg lyophilized powder for IM administration should be reconstituted with 0.6 mL of the supplied diluent (Sterile Water for Injection, USP). 0.5 mL of the reconstituted solution contains 15 mg of alefacept.

AMEVIVE® 7.5 mg lyophilized powder for IV administration should be reconstituted with 0.6 mL of the supplied diluent. 0.5 mL of the reconstituted solution contains 7.5 mg of alefacept.

Do not add other medications to solutions containing AMEVIVE®. Do not reconstitute AMEVIVE® with other diluents. Do not filter reconstituted solution during preparation or administration.

All procedures require the use of aseptic technique. Using the supplied syringe and one of the supplied needles, withdraw **only 0.6 mL** of the supplied diluent, (Sterile Water for Injection, USP). Keeping the needle pointed at the sidewall of the vial, slowly inject the diluent into the vial of AMEVIVE®. Some foaming will occur, which is normal. To avoid excessive foaming, do not shake or vigorously agitate. The contents should be swirled gently during dissolution. Generally, dissolution of AMEVIVE® takes less than two minutes. The solution should be used as soon as possible after reconstitution.

The reconstituted solution should be clear and colorless to slightly yellow. Visually inspect the solution for particulate matter and discoloration prior to administration. The solution should not be used if discolored or cloudy, or if undissolved material remains.

Following reconstitution, the product should be used immediately or within 4 hours if stored in the vial at 2-8°C (36-46°F). AMEVIVE® NOT USED WITHIN 4 HOURS OF RECONSTITUTION SHOULD BE DISCARDED.

Remove the needle used for reconstitution and attach the other supplied needle. Withdraw 0.5 mL of the AMEVIVE® solution into the syringe. Some foam or bubbles may remain in the vial.

Administration Instructions

For intramuscular use, inject the full 0.5 mL of solution. Rotate injection sites so that a different site is used for each new injection. New injections should be given at least 1 inch from an old site and never into areas where the skin is tender, bruised, red, or hard.

For intravenous use,

- Prepare 2 syringes with 3.0 mL Normal Saline, USP for pre- and post-administration flush.
- Prime the winged infusion set with 3.0 mL saline and insert the set into the vein.
- Attach the AMEVIVE®-filled syringe to the infusion set and administer the solution over no more than 5 seconds.
- Flush the infusion set with 3.0 mL saline, USP.

HOW SUPPLIED

AMEVIVE® for IV administration is supplied in either a carton containing four administration dose packs, or in a carton containing one administration dose pack. Each dose pack contains one 7.5-mg single-use vial of AMEVIVE®, one 10 mL single-use diluent vial (Sterile Water for Injection, USP), one syringe, one 23 gauge, ¾ inch winged infusion set, and two 23 gauge, 1 ¼ inch needles. The NDC number for the four administration dose pack carton is 59627-020-01. The NDC number for the one administration dose pack carton is 59627-020-02.

AMEVIVE® for IM administration is supplied in either a carton containing four doses, or in a carton containing one dose. Each four-dose carton contains one removable drug/diluent pack for refrigeration, four 1 mL syringes, and eight 23 gauge, 1 ¼ inch needles. Each four-dose drug/diluent pack for refrigeration contains: four 15-mg single-use vials of AMEVIVE® and four 10 mL single-use diluent vials of Sterile Water for Injection, USP. Each single-dose carton contains one removable drug/diluent pack for refrigeration, one syringe and two 23 gauge, 1 ¼ inch needles. Each single-dose drug/diluent pack for refrigeration contains: one 15-mg single-use vial of AMEVIVE® and one 10 mL single-use diluent vial of Sterile Water for Injection, USP. The NDC number for the four-dose carton is 59627-021-03. The NDC number for the single-dose carton is 59627-021-04.

AMEVIVE® is reconstituted with 0.6 mL of the 10 mL single-use diluent.

Storage

The dose pack (IV) and drug/diluent pack (IM) containing AMEVIVE® (lyophilized powder) should be stored in a refrigerator between 2-8°C/36-46°F. PROTECT FROM LIGHT. Retain in carton (IV) or drug/diluent pack (IM) until time of use.

Rx only

REFERENCES

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U.S. Patents:
4,956,281
5,547,853
5,728,677
5,914,111
5,928,643
6,162,432
Additional U.S. Patents Pending

