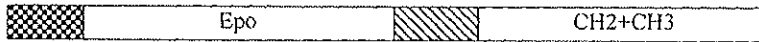


1A



Signal peptide

Hinge

1B

ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCTGTGCTCCCT 60
 M G V H E C P A W L W L L L S L L S L P
 CTGGGCCTCCAGTCCTGGGCGCCCCACCACGCCTCATCTGTGACAGCCGAGTCCTGGAG 120
 L G L P V L G A P P R L I C D S R V L E
 AGGTACCTCTTGGAGGCCAAGGAGGCCGAGAATATCACGACGGGCTGTGCTGAACACTGC 180
 R Y L L E A K E A E N I T T G C A E H C
 AGCTTGAATGAGAATATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAGG 240
 S L N E N I T V P D T K V N F Y A W K R
 ATGGAGGTCTGGCAGCAGGCCGTAGAGTCTGGCAGGGCCTGGCCCTGCTGTCCGAAGCT 300
 M E V D G Q Q A V E V W Q G L A L L S E A
 GTCCTGCGGGGCCAGGCCCTGTGGTCAACTTCTCCAGCCGTGGGAGCCCTGCAGCTG 360
 V L R G Q A L L V N S S Q P W E P L Q L
 CATGTGGATAAAGCCGTCACTGGCCTTCGACGCTCACCCTCTGCTTCGGGCTCTGCGA 420
 H V D K A V S G L R S L T T L L R A L R
 GCCCAGAAGGAAGCCATCTCCCTCCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATC 480
 A Q K E A I S P P D A A S A A P L R T I
 ACTGCTGACACTTTCGCAAACTCTTCCGAGTCTACTCCAATTTCCTCCGGGAAAGCTG 540
 T A D T F R K L F R V Y S N F L R G K L
 AAGCTGTACACAGGGGAGGCCTGCAGGACAGGGGACAGAGTTGAGCCCAAATCTGGTGAC 600
 K L Y T G E A C R T G D R V E P K S G D
 AAAACTAGTACATGCCCACCGTGCACCAACCTGAACTCCTGGGGGGACCGTCAGTCTTC 660
 K T S T P P P A P E L L G G P S V F
 CTCTTCCCCCAAAACCCAAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTACACATG 720
 L F P P K P K D T L M I S R T P E V T C
 GTGGTGGTGGACGTGAGCCACGAAGACCTGAGGTCAAGTTCAACTGGTACGTGGACGGC 780
 V V V D V S H E D P E V K F N W Y V D G
 GTGGAGGTGCATAATGCCAAGACAAAGCCGCGGAGGAGCAGTACAACAGCAGTACCGT 840
 V E V H N A K T K P R E E Q Y N S T Y R
 GTGGTCAGCGTCTCACCCTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGC 900
 V V S V L T V L H Q D W L N G K E Y K C
 AAGGCTCTCAACAAAGCCCTCCCAGCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGG 960
 K V S N K A L P A P I E K T I S K A K G
 CAGCCCCGAGAACACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAAC 1020
 Q P R E P Q V Y T L P P S R D E L T K N
 CAGGTCAGCCTGACCTGCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGG 1080
 Q V S L T C L V K G F Y P S D I A V E W
 GAGAGCAATGGGCAGCCGGAGAACAACCTACAAGACCACGCCCTCCCGTGCTGGACTCCGAC 1140
 E S N G Q P E N N Y K T T P P V L D S D
 GGCCCCCTCTCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAAC 1200
 G P F F L Y S K L T V D K S R W Q Q G N
 GTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGAGAAGAGCCTC 1260
 V F S C S V M H E A L H N H Y T Q K S L
 TCCCTGTCTCCGGGTAATAA 1320
 S L S P G K *

Figure 1

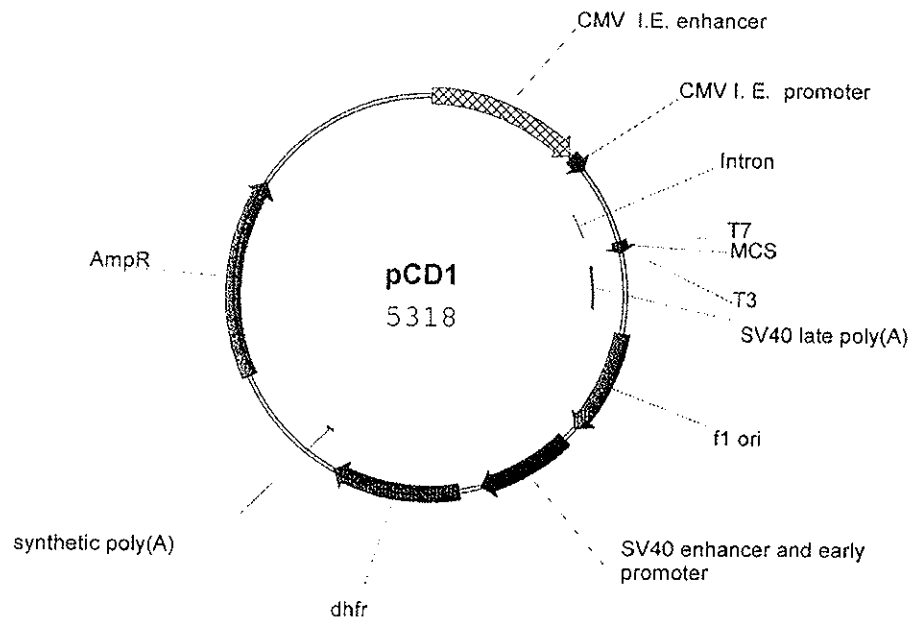


Figure 2

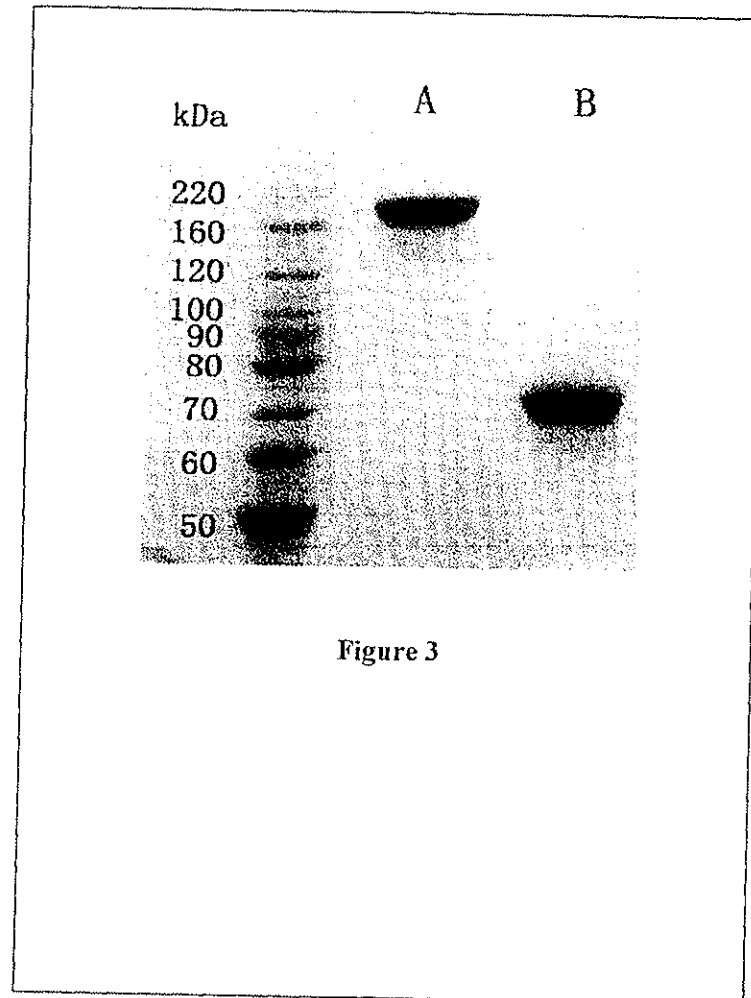
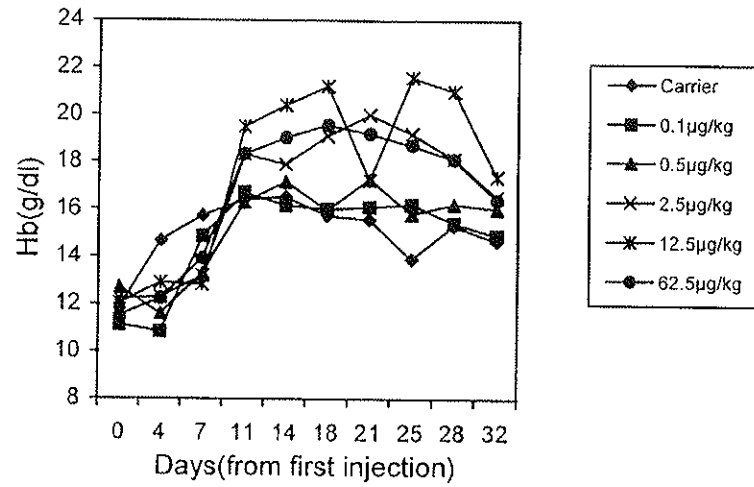


Figure 3

4A



4B

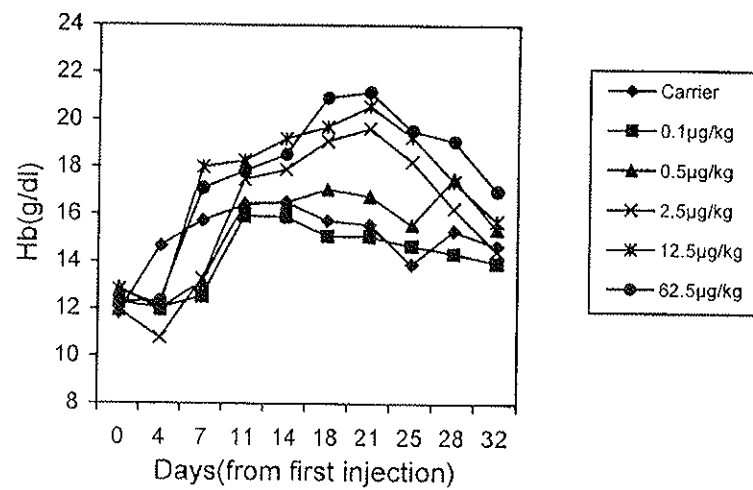
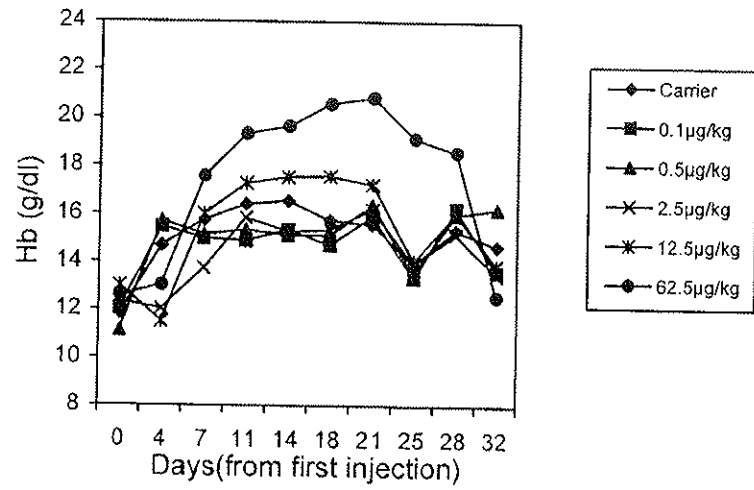


Figure 4

5A



5B

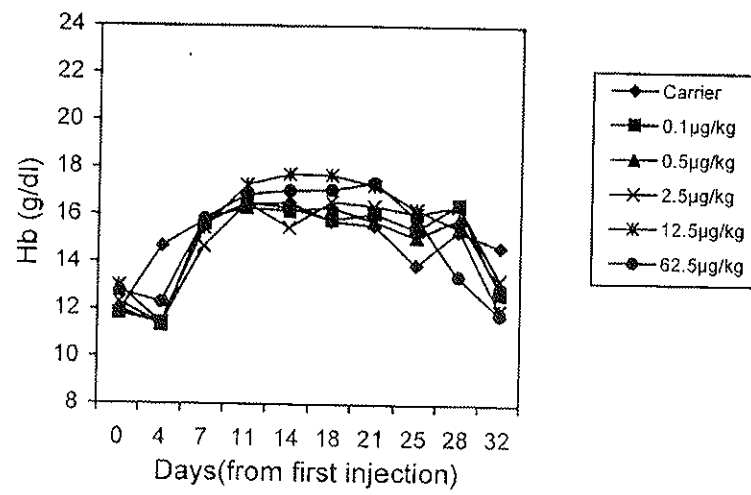
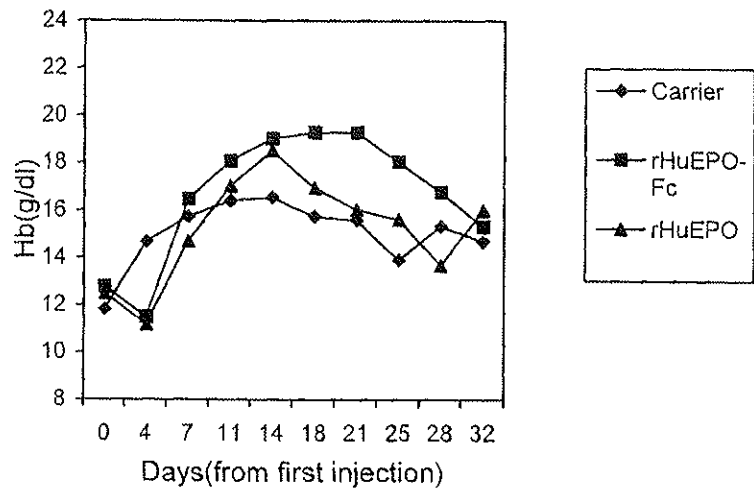


Figure 5

6A



6B

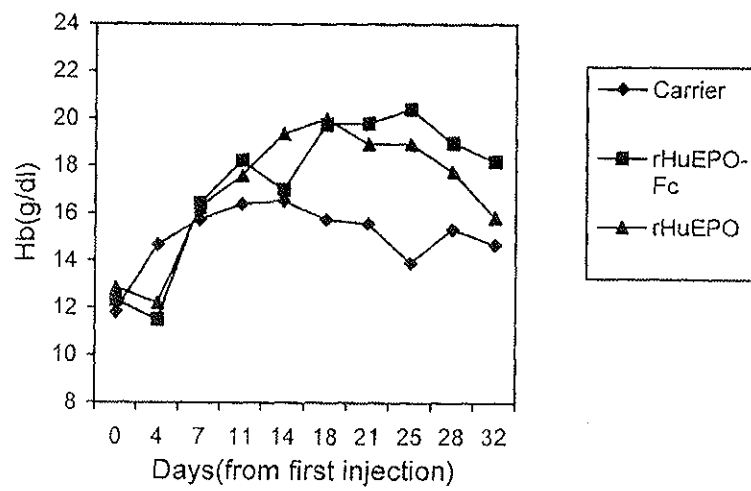


Figure 6

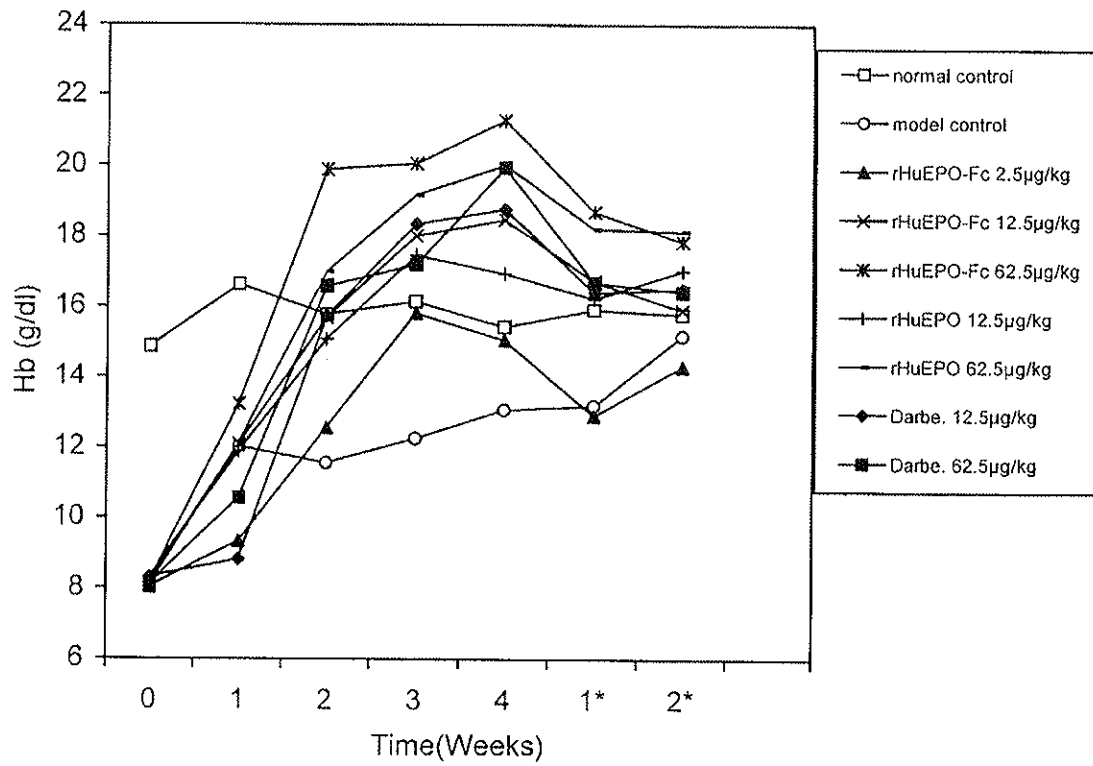
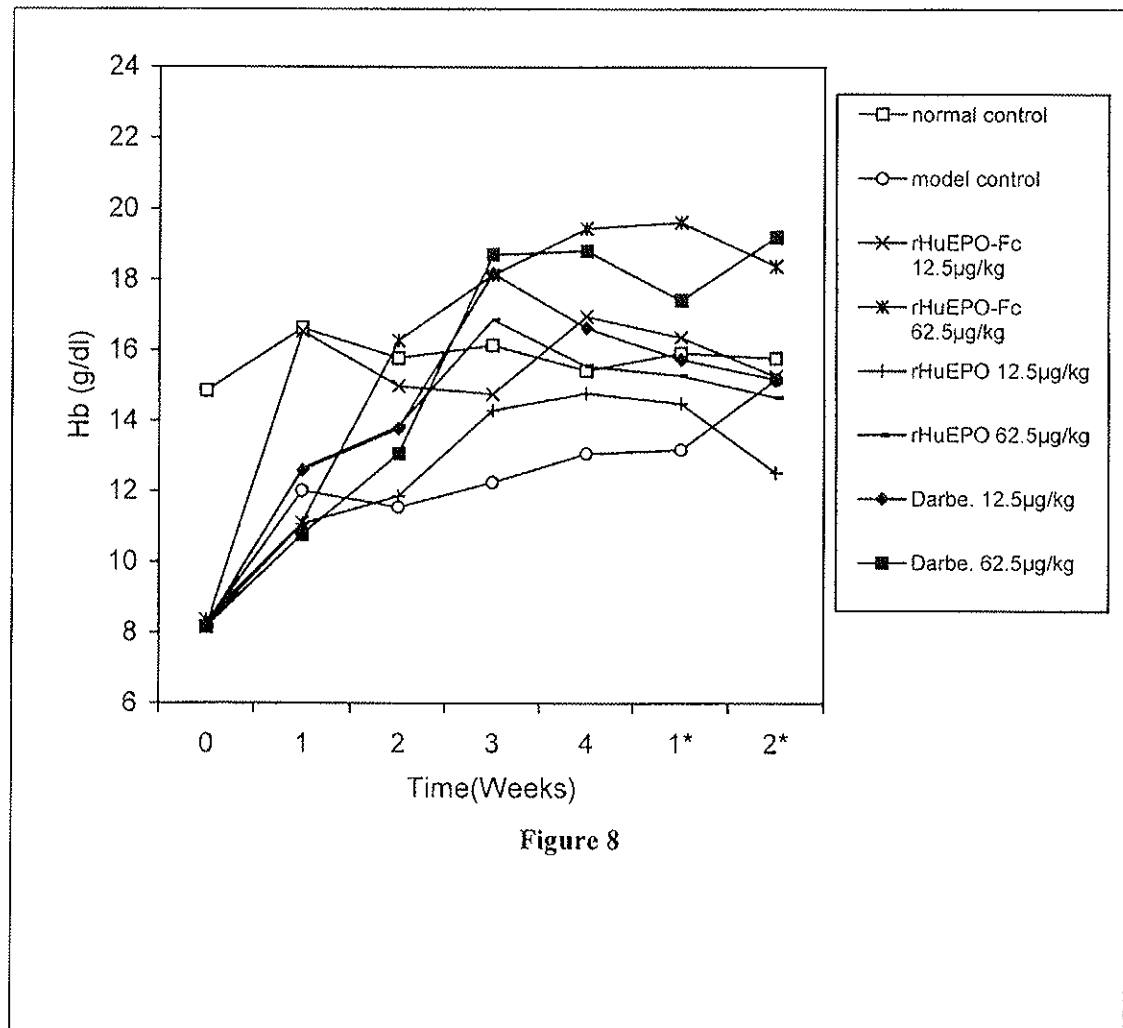


Figure 7



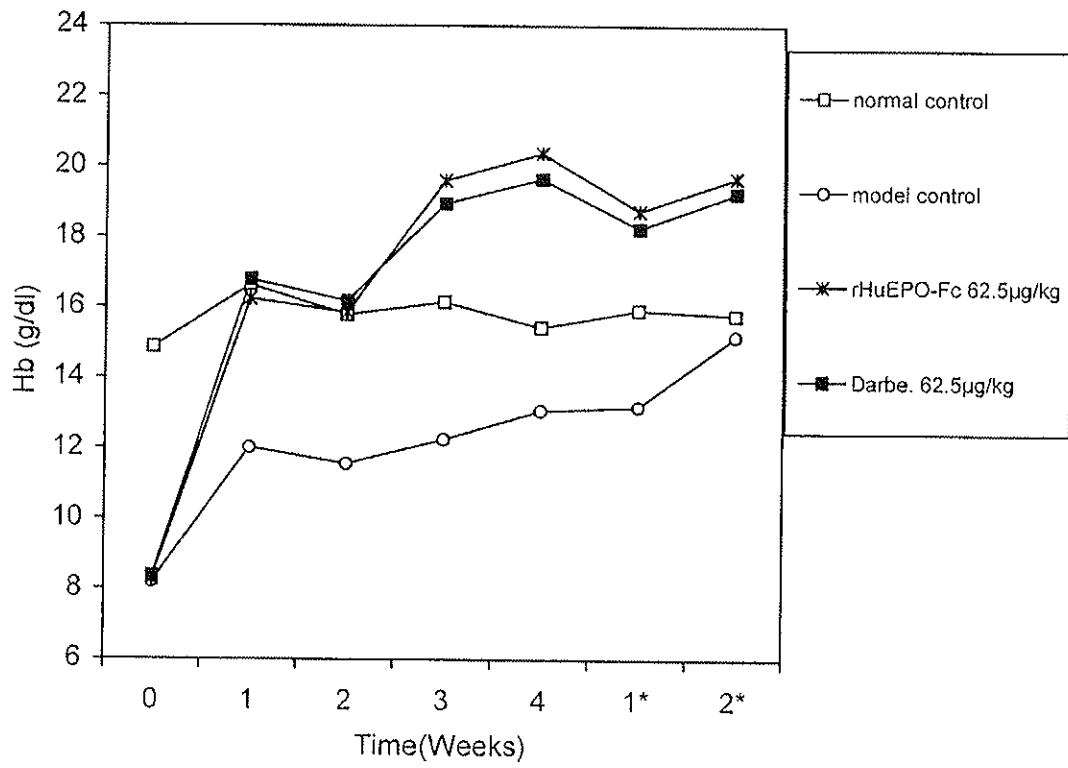
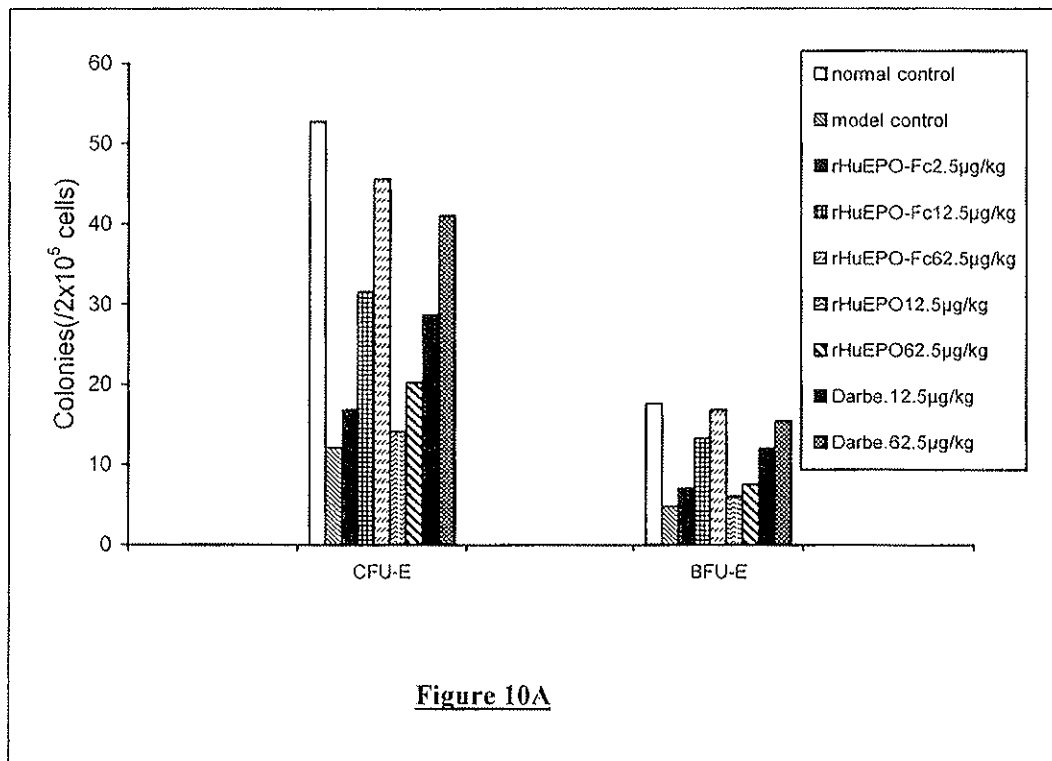
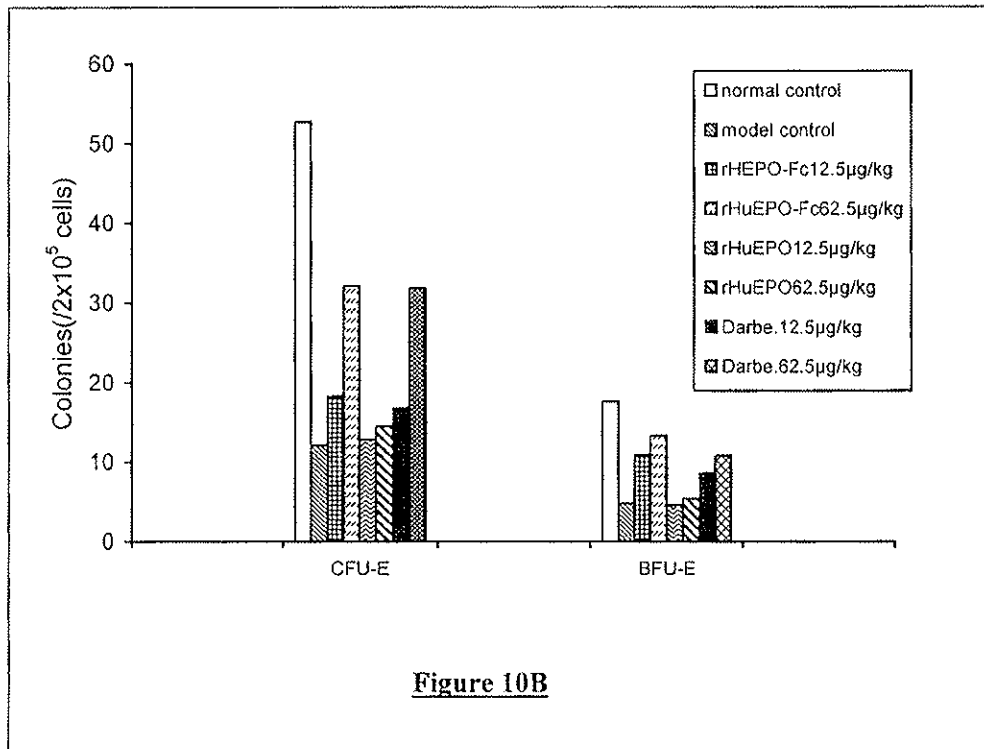


Figure 9





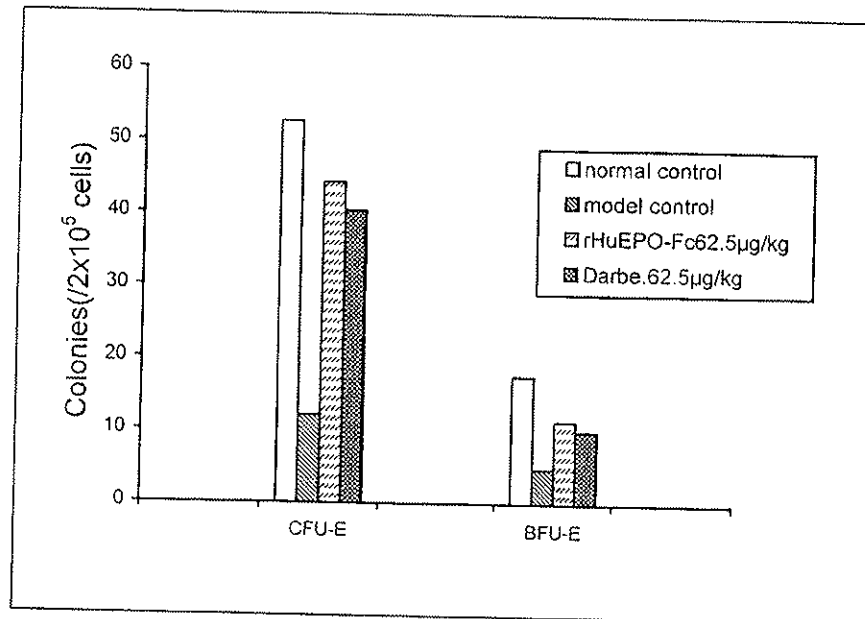
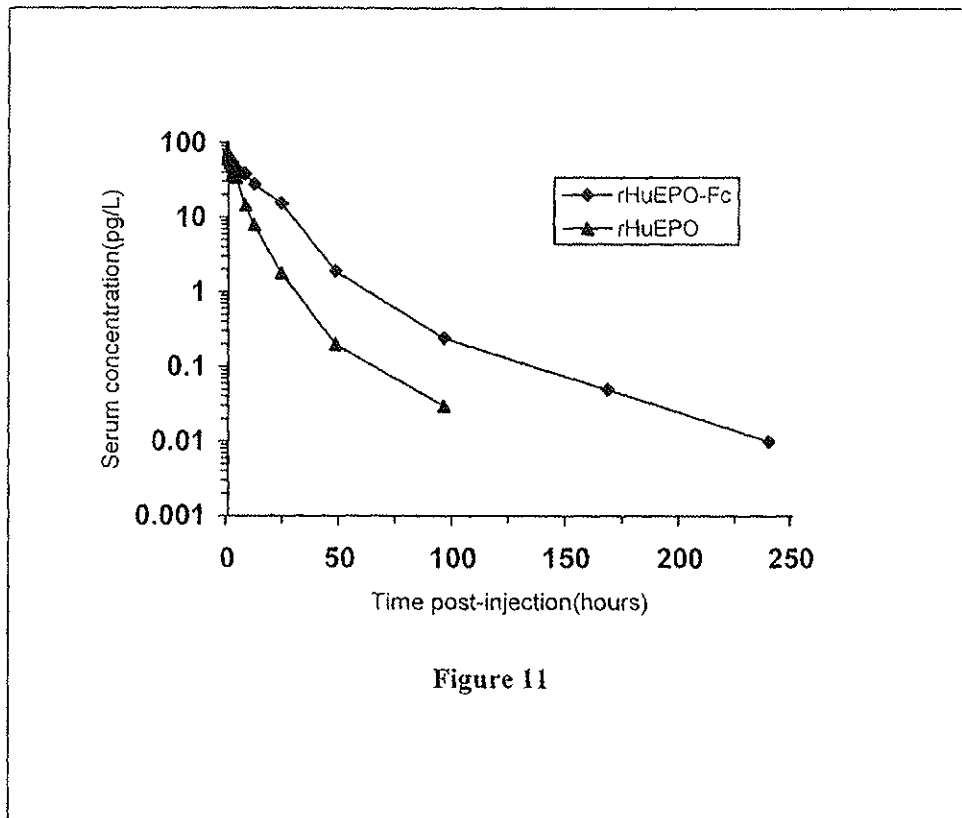


Figure 10C



ATGGGGGTGCACGAATGTCTGCCTGGCTGIGGCTTCTCCTGTCCCTGCTGTCGCTCCCT 60
 M G V H E C P A W L W L L L S L L S L P
 CTGGGCTCCAGTCTTGGGCGCCCCACCACGCCCTCATCTGTGACAGCCGAGTCTGGAG 120
 L G L P V L G A P P R L I C D S R V L E
 AGGTACCTCTTGGAGGCCAAGGAGGCCGAGAATATCACGACGGGCTGTGCTGAACACTGC 180
 R Y L L E A K E A E N I T T G C A E H C
 AGCTTGAATGAGAATATCACTGTCCCAGACACCAAAGTTAATTCTATGCCTGGAAGAGG 240
 S L N E N I T V P D T K V N F Y A W K R
 ATGGAGGTGGGGCAGCAGGCCGTAGAAAGTCTGGCAGGGCCTGGCCCTGCTGTGCGGAAGCT 300
 M E V G Q Q A V E V W Q G L A L L S E A
 GTCCTGCGGGGCCAGGCCCTGTTGGTCAACTCTTCCCAGCCGTGGGAGCCCTGCAGCTG 360
 V L R G Q A L L V N S S Q P W E P L Q L
 CATGTGGATAAAGCCGTACAGTGGCCTTCGACGCTCACCCTCTGCTTCGGGCTCTGCCA 420
 H V D K A V S G L R S L T T L L R A L R
 GCCCAGAAGGAAGCCATCTCCCCTCCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATC 480
 A Q K E A I S P P D A A S A A P L R T I
 ACTGCTGACACTTTCGCAAACTCTTCCGAGTCTACTCCAATTCCTCCGGGGAAAGCTG 540
 T A D T F R K L F R V Y S N F L R G K L
 AAGCTGTACACAGGGGAGGCCTGCAGGACAGGGGACAGAGTGAAGCCAAATCTTGTGAC 600
 K L Y T G E A C R T G D R V E P K S C D
 AAAACTAGTACATGCCACCGTGCCACAGCACCTGAATCTTGGGGGACCGTCAGTCTTC 660
 K T S S T C P P C P A P E L L G G P S V F
 CTCTTCCCCCAAAACCCAAAGGACACCTCATGATCTCCCGGACCCCTGAGGTCACATGC 720
 L F P P K P K D T L M I S R T P E V T C
 GTGGTGGTGGACGTGAGCCACGAAGACCCCTGAGGTCAAGTCAACTGGTACGTGGACGGC 780
 V V V D V S H E D P E V K F N W Y V D G
 GTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGT 840
 V E V H N A K T K P R E E Q Y N S T Y R
 GTGGTCAGCGTCTCACCCTCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGC 900
 V V S V L T V L H Q D W L N G K E Y K C
 AAGGTCTCCAACAAAGCCCTCCCAGCCCCATCGAGAAAACCATCTCCAAGCCAAAGGG 960
 K V S N K A L P A P I E K T I S K A K G
 CAGCCCCGAGAACCACAGGTGTACACCCCTGCCCCCATCCCGGATGAGCTGACCAAGAAC 1020
 Q P R E P Q V Y T L P P S R D E L T K N
 CAGGTACGCTGACCTGCCTGGTCAAAAGCCTTCTATCCCAGCGACATCGCCGTGGAGTGG 1080
 Q V S L T C L V K G F Y P S D I A V E W
 GAGAGCAATGGGCAGCCGGAGAACAATAACAAGACCACGCTCCCGTGTGACTCCGAC 1140
 E S N G Q P E N N Y K T T P P V L D S D
 OGCCCCITCTTCTTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAAC 1200
 G P F F L Y S K L T V D K S R W Q Q G N
 GTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGAGAAGAGCCTC 1260
 V F S C S V M H E A L H N H Y T Q K S L
 TCCCTGTCTCCGGGTAAATAA 1320
 S L S P G K *

Figure 12

