FIG. 1

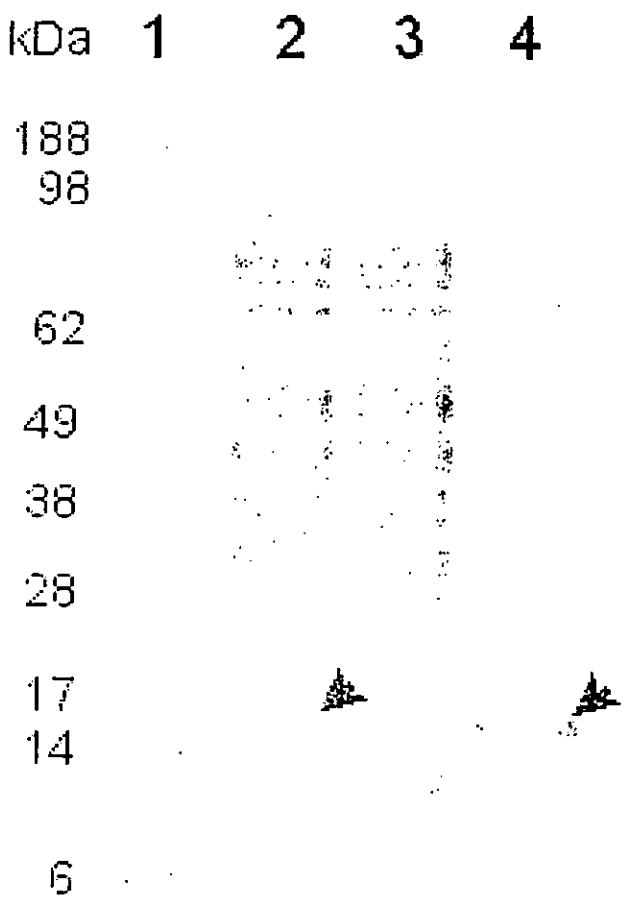


FIG. 2A

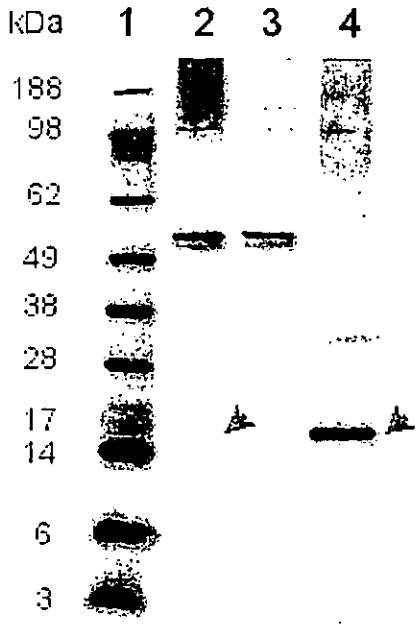

kDa
1
2
3
4
188
98
62
49
38
28
17
14
6
3

FIG. 2B

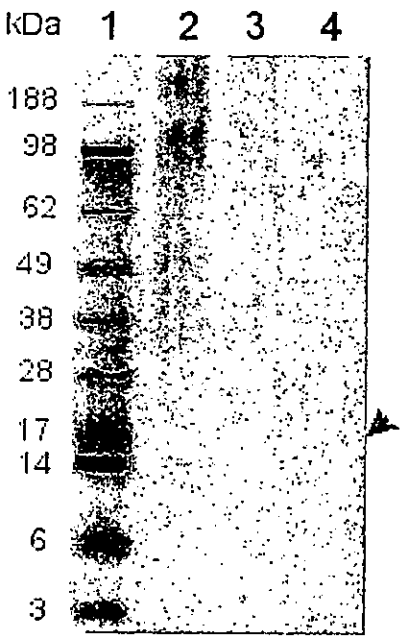

kDa
1
2
3
4
188
98
62
49
38
28
17
14
6
3

FIG. 3A

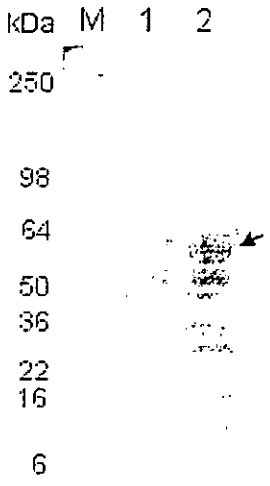


FIG. 3B

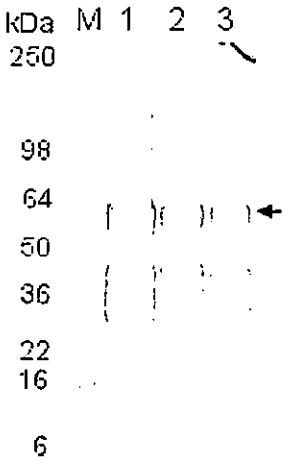


FIG. 3C

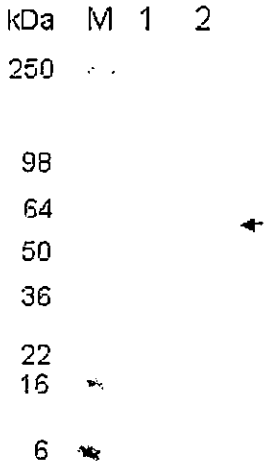


FIG. 3D

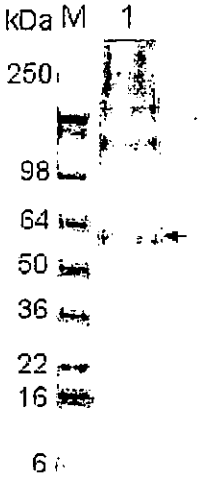


FIG. 4

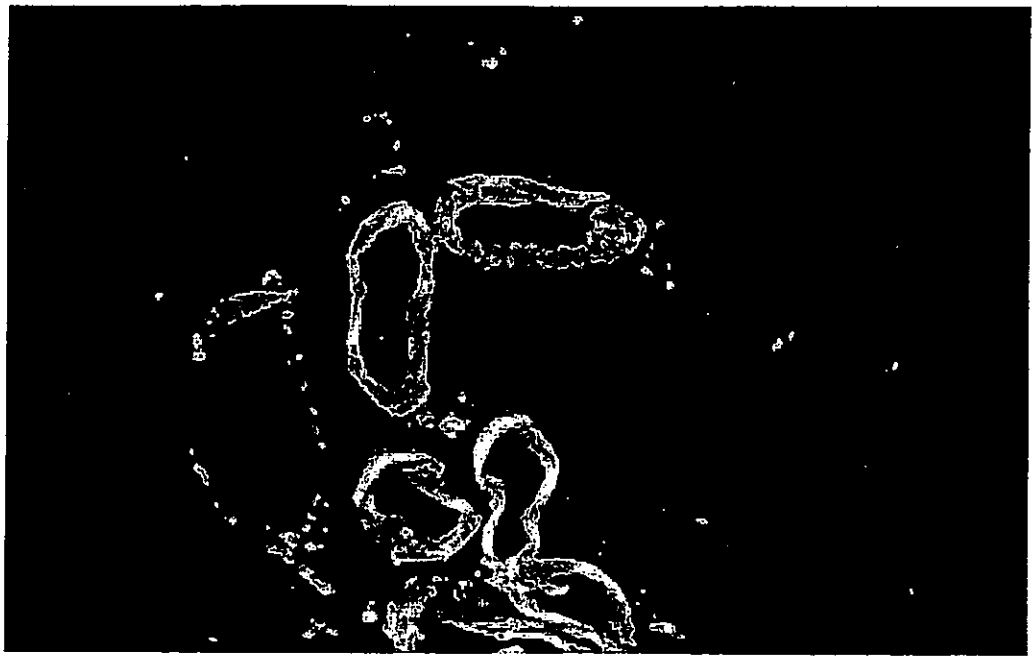


FIG. 5A

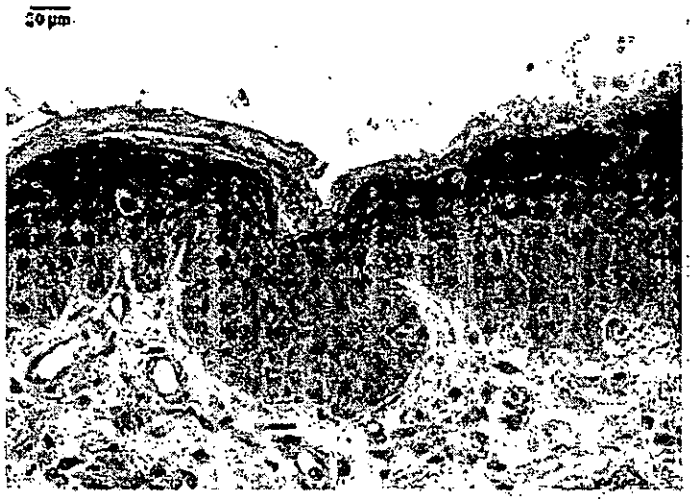


FIG. 5B

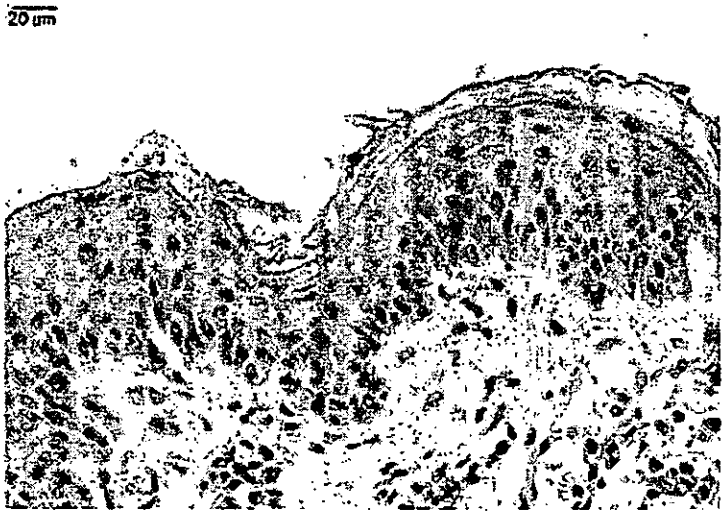


FIG. 6

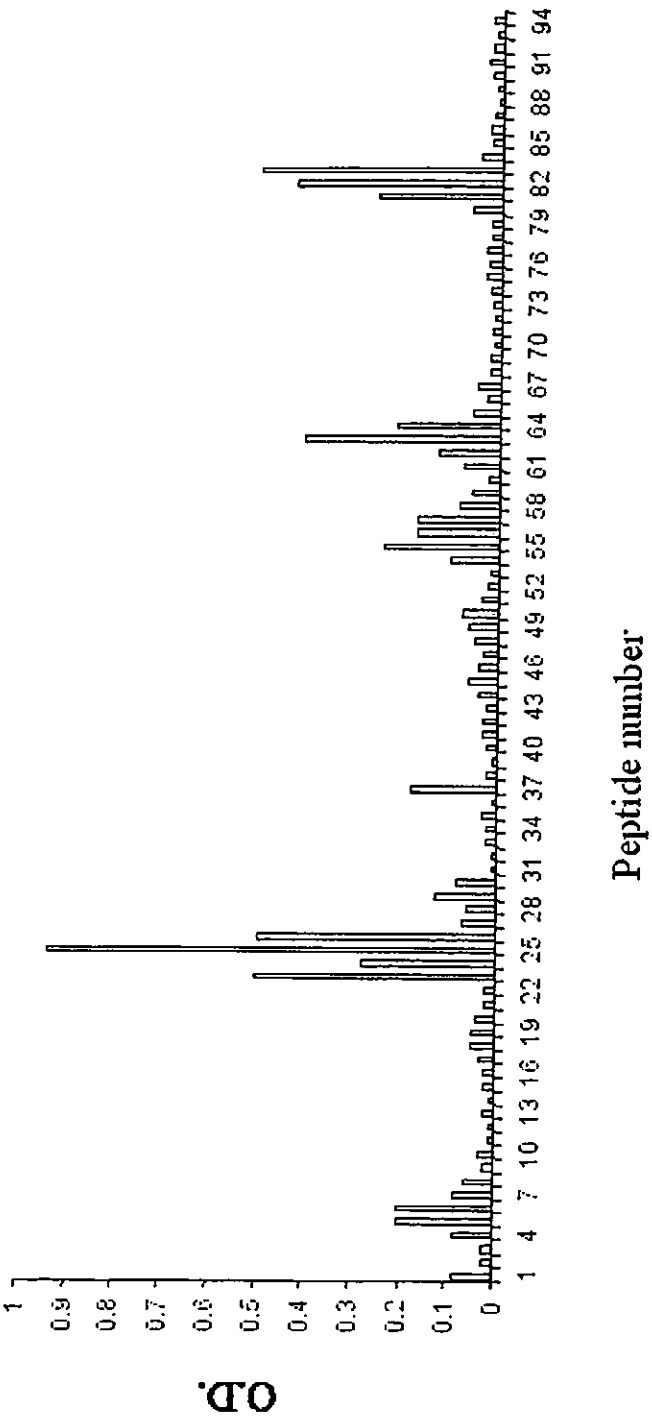

OD.
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76 79 82 85 88 91 94
Peptide number

FIG. 7

Dog: ARIERLTLHRIRGCA
human: TEIQSLTFNPTAGCA

FIG. 8A

5'-

ATGGTGCCTGATGCCCTGCTGAGCGTGCTGAGCGTGTTCTTTAGGAAGAT

CTTCGTCTTGCAGCTGGTAGGGCTGGTGCTAACCTACAATTTCATTGACT

GTGACTTTGAGAAGATTAGATGGAAGTATCAGGAAGTCATTTACCAAGCC

CTGGAGAAATACATGGATGGGACCAGGAGCACGGAGTTCAGCCACCCCGT

GTACTGCGCGAACCCGCCCGACTGCCTGGCCAGGATCGAGCGGCTCACCC

TGCACCGCATCCGCGGCTGCGCGTCGGGCGCCCGGGAGGCCTTCGCCGAG

GGGACGGTCGCCGCGCTCGCCGCCGAGTGCCCGGGCTACGCCGCAGCGCC

GATAAATAATACCCAGGCAAAGAAGAAAAGAAAAAAAAGAGGAGTCACAA

CAAATAAATGCCGGGAACAAGTCGCACACTTAATAGGGCTGTGGCGTCGT

TTCAGTCGCATTTCATAG -3'

FIG. 8B

*

MVPDALLSVLSVFFRKIFVLQLVGLVLTYNFIDCDFEKIRWKYQEVIYQA

LEKYMDGTRSTEFSHPVYCANPPDCLARIERLTLHRIRGCASGAREAFAE

GTVAALAAECPGYAAAPINNTQAKKKRKKRGVTTNKCREQVAHLIGLWRR

FSRIS