

SEQUENCE LISTING

<110> TANAKA KIKINZOKU KOGYO K. K.
 <120> IMMUNOCHROMATOGRAPHY ANALYSIS APPARATUS FOR DETECTING ZIKA VIRUS
 <130> W522652
 <150> JP2016/098845
 <151> 2016-5-17
 <160> 6
 <170> PatentIn version 3.5
 <210> 1
 <211> 352
 <212> PRT
 <213> Zika Virus
 <400> 1

Asp Val Gly Cys Ser Val Asp Phe Ser Lys Lys Glu Thr Arg Cys Gly
 1 5 10 15

Thr Gly Val Phe Ile Tyr Asn Asp Val Glu Ala Trp Arg Asp Arg Tyr
 20 25 30

Lys Tyr His Pro Asp Ser Pro Arg Arg Leu Ala Ala Val Lys Gln
 35 40 45

Ala Trp Glu Glu Gly Ile Cys Gly Ile Ser Ser Val Ser Arg Met Glu
 50 55 60

Asn Ile Met Trp Lys Ser Val Glu Gly Glu Leu Asn Ala Ile Leu Glu
 65 70 75 80

Glu Asn Gly Val Gln Leu Thr Val Val Val Gly Ser Val Lys Asn Pro
 85 90 95

Met Trp Arg Gly Pro Gln Arg Leu Pro Val Pro Val Asn Glu Leu Pro
 100 105 110

His Gly Trp Lys Ala Trp Gly Lys Ser Tyr Phe Val Arg Ala Ala Lys
 115 120 125

Thr Asn Asn Ser Phe Val Val Asp Gly Asp Thr Leu Lys Glu Cys Pro
 130 135 140

Leu Glu His Arg Ala Trp Asn Ser Phe Leu Val Glu Asp His Gly Phe
 145 150 155 160

Gly Val Phe His Thr Ser Val Trp Leu Lys Val Arg Glu Asp Tyr Ser
 165 170 175

Leu Glu Cys Asp Pro Ala Val Ile Gly Thr Ala Val Lys Gly Arg Glu
 180 185 190

Ala Ala His Ser Asp Leu Gly Tyr Trp Ile Glu Ser Glu Lys Asn Asp
 195 200 205

Thr Trp Arg Leu Lys Arg Ala His Leu Ile Glu Met Lys Thr Cys Glu
 210 215 220

Trp Pro Lys Ser His Thr Leu Trp Thr Asp Gly Val Glu Glu Ser Asp
 225 230 235 240

Leu Ile Ile Pro Lys Ser Leu Ala Gly Pro Leu Ser His His Asn Thr
 245 250 255

Arg Glu Gly Tyr Arg Thr Gln Val Lys Gly Pro Trp His Ser Glu Glu
 260 265 270

Leu Glu Ile Arg Phe Glu Glu Cys Pro Gly Thr Lys Val Tyr Val Glu
 275 280 285

Glu Thr Cys Gly Thr Arg Gly Pro Ser Leu Arg Ser Thr Thr Ala Ser
 290 295 300

Gly Arg Val Ile Glu Glu Trp Cys Cys Arg Glu Cys Thr Met Pro Pro

3

305 310 315 320

Leu Ser Phe Arg Ala Lys Asp Gly Cys Trp Tyr Gly Met Glu Ile Arg
325 330 335

Pro Arg Lys Glu Pro Glu Ser Asn Leu Val Arg Ser Met Val Thr Ala
340 345 350

<210> 2
<211> 40
<212> PRT
<213> Zika Virus

<400> 2

Glu Asn Gly Val Gln Leu Thr Val Val Val Gly Ser Val Lys Asn Pro
1 5 10 15

Met Trp Arg Gly Pro Gln Arg Leu Pro Val Pro Val Asn Glu Leu Pro
20 25 30

His Gly Trp Lys Ala Trp Gly Lys
35 40

<210> 3
<211> 33
<212> PRT
<213> Zika Virus

<400> 3

Ser Tyr Phe Val Arg Ala Ala Lys Thr Asn Asn Ser Phe Val Val Asp
1 5 10 15

Gly Asp Thr Leu Lys Glu Cys Pro Leu Glu His Arg Ala Trp Asn Ser
20 25 30

Phe

<210> 4

4

<211> 39
<212> PRT
<213> Zika Virus

<400> 4

Gly Pro Leu Ser His His Asn Thr Arg Glu Gly Tyr Arg Thr Gln Val
1 5 10 15

Lys Gly Pro Trp His Ser Glu Glu Leu Glu Ile Arg Phe Glu Glu Cys
20 25 30

Pro Gly Thr Lys Val Tyr Val
35

<210> 5
<211> 30
<212> PRT
<213> Zika Virus

<400> 5

Cys Gly Thr Arg Gly Pro Ser Leu Arg Ser Thr Thr Ala Ser Gly Arg
1 5 10 15

Val Ile Glu Glu Trp Cys Cys Arg Glu Cys Thr Met Pro Pro
20 25 30

<210> 6
<211> 380
<212> PRT
<213> Dengue Virus

<400> 6

Met Asn Ser Arg Ser Thr Ser Leu Ser Val Ser Leu Val Leu Val Gly
1 5 10 15

Val Val Thr Leu Tyr Leu Gly Val Met Val Gln Ala Asp Ser Gly Cys
20 25 30

Val Val Ser Trp Lys Asn Lys Glu Leu Lys Cys Gly Ser Gly Ile Phe
35 40 45

Ile Thr Asp Asn Val His Thr Trp Thr Glu Gln Tyr Lys Phe Gln Pro
 50 55 60

Glu Ser Pro Ser Lys Leu Ala Ser Ala Ile Gln Lys Ala His Glu Glu
 65 70 75 80

Gly Ile Cys Gly Ile Arg Ser Val Thr Arg Leu Glu Asn Leu Met Trp
 85 90 95

Lys Gln Ile Thr Pro Glu Leu Asn His Ile Leu Ser Glu Asn Glu Val
 100 105 110

Lys Leu Thr Ile Met Thr Gly Asp Ile Lys Gly Ile Met Gln Ala Gly
 115 120 125

Lys Arg Ser Leu Gln Pro Gln Pro Thr Glu Leu Lys Tyr Ser Trp Lys
 130 135 140

Thr Trp Gly Lys Ala Lys Met Leu Ser Thr Glu Ser His Asn Gln Thr
 145 150 155 160

Phe Leu Ile Asp Gly Pro Glu Thr Ala Glu Cys Pro Asn Thr Asn Arg
 165 170 175

Ala Trp Asn Ser Leu Glu Val Glu Asp Tyr Gly Phe Gly Val Phe Thr
 180 185 190

Thr Asn Ile Trp Leu Lys Leu Arg Glu Lys Gln Asp Val Phe Cys Asp
 195 200 205

Ser Lys Leu Met Ser Ala Ala Ile Lys Asp Asn Arg Ala Val His Ala
 210 215 220

Asp Met Gly Tyr Trp Ile Glu Ser Ala Leu Asn Asp Thr Trp Lys Ile
 225 230 235 240

Glu Lys Ala Ser Phe Ile Glu Val Lys Ser Cys His Trp Pro Lys Ser
 245 250 255

His Thr Leu Trp Ser Asn Gly Val Leu Glu Ser Glu Met Ile Ile Pro
 260 265 270

Lys Asn Phe Ala Gly Pro Val Ser Gln His Asn Tyr Arg Pro Gly Tyr
 275 280 285

His Thr Gln Thr Ala Gly Pro Trp His Leu Gly Lys Leu Glu Met Asp
 290 295 300

Phe Asp Phe Cys Glu Gly Thr Thr Val Val Val Thr Glu Asp Cys Gly
 305 310 315 320

Asn Arg Gly Pro Ser Leu Arg Thr Thr Thr Ala Ser Gly Lys Leu Ile
 325 330 335

Thr Glu Trp Cys Cys Arg Ser Cys Thr Leu Pro Pro Leu Arg Tyr Arg
 340 345 350

Gly Glu Asp Gly Cys Trp Tyr Gly Met Glu Ile Arg Pro Leu Lys Glu
 355 360 365

Lys Glu Glu Asn Leu Val Asn Ser Leu Val Thr Ala
 370 375 380