

Ý i Ç E ø - ¥ | - § .. ©^a « !

¬ - ®

[- ° ± -]

2 ^ % Š 3 - ' µ i ' " " ¶ · ≠ ¶ Š , 1 ° , » ° ¼ ½ ¾ » ° ç Å Å Å Å ° ç Å Å Å Å ° Ç È É È È — ~ Å i
l CKMBÍ . ī

[^ % Š I D]

^ % Š O	Ó.	^ % Š O	Ó.
96 Ø Ö Ö × Ø Ù Ú	1	96 Ø Ö Ü Ü	4
Ý P B	2	Ý P B à á Å	1â 20mL
< å	1	ä å æ ç Å	1â 20mL
t ≠ è Å A	1â 120éL	t ≠ à á Å A	1â 12mL
t ≠ è Å B Ö P E - S A U	1â 120éL	t ≠ à á Å B	1â 12mL
ê Å	1â 10mL	ë ï í Å Ö 30â Ú	1â 20mL
> — œ• Ž	1		

[↑ ï Õ ñ ò Õ ó ^ %]

1° Lumi nex MAGPI Xô ¥ Lumi nex 100ô ¥ Lumi nex

200ô ¥ Ç Bi o-Radô, Bi o-Plexoå å ö Ö ÷ ø ö ù - ú û ú - ü, ý þ ý í + þ Ú

2° • Ç • . Å ù ó

3° à á B ñ EP .

4° Ç '

5° <

6° ï Å ñ Ð ù

7° 0.01mol /L Ö Ç 1â Ú • æ ç (PBS) ¥ pH=7.0-7.2

8° ù

9° f Ý Ö ù

[^ % Š ñ ó °]

1° $\tilde{n}^{\%}\tilde{S}^{\text{TM}}$ $\tilde{S}^{\%}\tilde{!}$ " $\tilde{S}^{\%}\#Y\tilde{S}\tilde{A}\tilde{E}$ $\tilde{S}^{\&}$ \tilde{T}' () \tilde{Y}^* $\tilde{+}$ $\tilde{S}^{\%}\tilde{S}$, ' - . / $\tilde{Y}\tilde{P}\tilde{B}^{\circ}$ $\tilde{+}$ $\tilde{e}\tilde{A}\tilde{A}$
 ° $\tilde{+}$ $\tilde{f}\tilde{e}\tilde{A}\tilde{B}\tilde{O}\tilde{O}$ 96 $\tilde{O}\tilde{O}$ & \tilde{S} -201C $\tilde{Y}\tilde{E}$ 2 \tilde{S} $\tilde{S}^{\%}\tilde{!}$ 3 \tilde{S} 41C \tilde{A} & $\tilde{O}-\tilde{I}$
 2° > - , $\tilde{n}^{\%}\tilde{S}^{\text{TM}}$ 42 \tilde{S} 5 \tilde{I} " 6 \tilde{S} $\tilde{+}$ $\tilde{S}^{\%}\#Y\tilde{S}$ $\tilde{+}$ $\tilde{S}^{\%}\tilde{7}\tilde{8}\tilde{A}\tilde{E}$ \tilde{I}
 () $\tilde{^{\text{TM}}}$
 ^ $\tilde{S}^{\%}\tilde{S}\tilde{I}$ f $\tilde{Y}\tilde{9}$; ; < \tilde{Y} " => \tilde{I} ? : ä @> - A> - , \tilde{n} 42 \tilde{S} $\tilde{+}$ $\tilde{S}^{\%}\tilde{S}$ $\tilde{+}$ $\tilde{o}\tilde{B}\tilde{C}$ @=>, 1DE \tilde{I} > - FG \tilde{I} H
 BI ° J KO \tilde{S} ' $\tilde{A}\tilde{E}\tilde{n}$ Y\$ L \tilde{P} Y&M° \tilde{I} ¼ä NO&PQ \tilde{P} $\tilde{n}\tilde{I}$

[Y² n RST &]

, 1 $\tilde{^{\text{TM}}}$ / * S \tilde{S} , 1 ä \tilde{l} \tilde{n} U, Y² BV7 32WJ Ç41CI XYY, 1,000 \tilde{a} g " 20ä Z \tilde{Y} [$\tilde{A}\tilde{E}^1$ \ : \tilde{Y}
 / $\tilde{A}\tilde{E}^1$ 3 \tilde{S} -201CÇ-801C& \tilde{Y}] $\tilde{+}$ \tilde{a} b \tilde{I}
 , » $\tilde{^{\text{TM}}}$ - EDTAÇc d e L $\tilde{\mu}$ f $\tilde{S}^{\%}\tilde{R}\tilde{S}$ Y² \tilde{Y} / Y² BRS, \tilde{n} 30ä Z \tilde{I} §2-81C 1,000 \tilde{a} g " 15ä Z \tilde{Y} [$\tilde{A}\tilde{E}^1$
 \ : $\tilde{+}$ $\tilde{Y}\tilde{C}$ / $\tilde{A}\tilde{E}^1$ 3 \tilde{S} -201CÇ-801C& \tilde{Y}] $\tilde{+}$ \tilde{a} b \tilde{I}
 ¼½¾» $\tilde{^{\text{TM}}}$ | „ ghñ ¼½i Ø¾» $\tilde{n}\tilde{j}$ " k | „
 1Ú[• · ¼½I $\tilde{Y}\tilde{B}$ mPBSÖ0.01mol/L \tilde{Y} pH=7.0-7.2Ú \tilde{l} 1 i n, Ä \tilde{Y} ¾» úoØp \tilde{I}
 2Ú/ ¼½qr WI \tilde{Y} ! ¾ñ s 3Bt $\tilde{A}\tilde{E}\tilde{n}$ u v w Å Äæç Ä(x y IS007 \tilde{Y} ± z { | \tilde{Y} } Øñ ~ $\tilde{e}\tilde{A}\tilde{P}$ • €
 • | „ ghñæç Ä)ñ, f! Mùl Ö• Wñ ¼½, ... + \tilde{f} Ú \tilde{l} ÖM· i $\tilde{+}$ $\tilde{S}^{\%}\tilde{=}$ 1:20-1:50 \tilde{Y} S $\tilde{+}$ $\tilde{^{\text{TM}}}$ 1mLÅÄæ
 ç Ä l < s 20-50mg ¼½ 2 \tilde{I} Ú
 3Ú/ \tilde{E} +ñ • Ž Ä • | • ' ' " " • 1 \tilde{I}
 4Ú/ i Øyñ ¾» Ä 10,000 \tilde{a} g " 5ä Z \tilde{Y} — \tilde{Y} $\tilde{A}\tilde{E}^1$ \ : - \tilde{S} $\tilde{+}$ \tilde{f} Ç3 \tilde{S} -201C $\tilde{^{\text{TM}}}$ & \tilde{I}
 $\tilde{e}\tilde{A}\tilde{A}\tilde{A}\tilde{A}$ $\tilde{^{\text{TM}}}$ Bä å ^ > \tilde{s} ú $\tilde{Y}\tilde{e}\tilde{A}$ \tilde{I} > - O $\tilde{^{\text{TM}}}j$ " " $\tilde{^{\text{TM}}}$
 1Úœ• $\tilde{e}\tilde{A}\tilde{z}$ - mPBSY Y¹ i YY, - } Øf \tilde{i} \tilde{f} \tilde{Y} §1,000 \tilde{a} g " 5ä Z, * S \tilde{l} Ö• E $\tilde{e}\tilde{A}$: ☒
 | " $\tilde{Y}\tilde{I}$ * SÚ \tilde{I}
 2Ú/ * S+ñ $\tilde{e}\tilde{A}$ - mPBS \tilde{I} 3@A
 3Ú/ $\tilde{e}\tilde{A}$ - v w Å Äæç Äp \tilde{I} " §8L107D $\tilde{e}\tilde{A}$ / \tilde{c} $\tilde{Y}\tilde{t}$ \tilde{a} \tilde{I} ... $\tilde{Y}\tilde{e}\tilde{A}$: O« - • ' - ' " " $\tilde{e}\tilde{A}$ • 1 \tilde{I}
 4Ú/ Y² §2-81C 1,500 \tilde{a} g " 10ä Z \tilde{Y} — \tilde{Y} $\tilde{A}\tilde{E}^1$ \ : - \tilde{S} $\tilde{+}$ \tilde{f} Ç3 \tilde{S} -201C $\tilde{^{\text{TM}}}$ & \tilde{I}
 $\tilde{e}\tilde{A}\tilde{A}\tilde{A}\tilde{A}$ $\tilde{^{\text{TM}}}$ ÇÈÉ — Y² $\tilde{^{\text{TM}}}$ 1,000 \tilde{a} g " 20ä Z \tilde{Y} [$\tilde{A}\tilde{E}^1$ \ : $\tilde{+}$ $\tilde{Y}\tilde{C}$ / $\tilde{A}\tilde{E}^1$ 3 \tilde{S} -201CÇ-801C& \tilde{Y}
] $\tilde{+}$ \tilde{a} b \tilde{I}
 () $\tilde{^{\text{TM}}}$
 1° O $\tilde{A}\tilde{E}$ Y² ! \tilde{I} \tilde{S} & \tilde{Y} 41C& W \tilde{S} 1®Y-201C \tilde{I} • I 1DE Y-801C \tilde{I} • I 2DE \tilde{I}
 2° Y² - ° è, K $\tilde{+}$ 2 $\tilde{3}$, $\tilde{+}$ \tilde{f} \tilde{a} $\tilde{Y}\tilde{•}$ $\tilde{+}$ \tilde{f} è, Y² | $\tilde{\mu}$ « $\tilde{-}$ \tilde{f} \tilde{P} $\tilde{+}$ \tilde{f} \tilde{t}
 3° Y² > - ú $\tilde{+}$ æ \tilde{I} !, " V7 \tilde{Y} | $\tilde{+}$ \tilde{f} Ü \tilde{l} šbÄ \tilde{I}
 4° 1 \tilde{S} ° · $\tilde{+}$ \tilde{f} Ö{ \tilde{Y} » ¼½¾» - , 1 $\tilde{e}\tilde{I}$ P, » eL $\tilde{+}$ \tilde{f} « $\tilde{-}$ $\tilde{+}$ \tilde{f}

[Luminex200 ä å ö]

1. ä å i $\tilde{+}$ $\tilde{^{\text{TM}}}$ 50uLA
2. • Ž gh $\tilde{^{\text{TM}}}$ \tilde{c} ä MagPlex;
3. Ä \tilde{c} ä $\tilde{+}$ $\tilde{^{\text{TM}}}$ 50Å/Å;
4. MFI Ä $\tilde{^{\text{TM}}}$ Medi an.

[^ % P Ø]

1° > - ú/ \tilde{n} $\tilde{+}$ \tilde{S} Y² æ \tilde{I} !, " V7Ö18-251CÚ $\tilde{Y}\tilde{t}$ \tilde{a} ž $\tilde{+}$ \tilde{S} B- ÄJ K \tilde{I} | Å $\tilde{>} - \tilde{Y}$ [- $\tilde{2}$
 @ $\tilde{+}$ > \tilde{I} $\tilde{n}\tilde{f}\tilde{Y}\tilde{9}$ $\tilde{+}$ \tilde{S} Y² / 42 $\tilde{n}\tilde{f}\tilde{Y}\tilde{9}\tilde{O}$ $\tilde{+}$ \tilde{S} $\tilde{A}\tilde{E}\tilde{P}$ 9Ç& \tilde{I}

2° YPB(aEβ)™E#YPB< sYPBaáA0.5mL¥Eÿ, V7E3° l 10äZ¥, JYYÍ l Ö] ^T
 DÚ¥Eë8L100.0ng/mL PØ7Dà áYPBñEP ¥EDEP l <s300NLñYPBaáA¥+O %z
 @Ó%àár 100.0ng/mL, 25.0ng/mL, 6.25ng/mL, 1.56ng/mL, 0.39ng/mL, 0.1ng/mL, 0.02ng/mL¥YPBaáA(0ng/mL)¥| eL x ØÔÎ L&O=>^a EYE@= > - vñYPBèAî

item	1	2	3	4	5	6	7	Tube
CKMB	100.0	25.0	6.25	1.56	0.39	0.1	0	ng/mL

3° t f èAAó t f èAB™Detection A óDetection BB> - ú' - OÖx™CØÙ " " ¥O> ÚÜB
 • C#EñAí - ^ + Üí " - úäYOT f àáAAÇB 1:100àá(t™10NLt f èAA/990NLt f àáAA)¥PäB¾¥àáúà{ oáâÿñE@=> iñA· aí (100NL/Ö)¥=ääí J± aí 0.1-0.2mL

4° eì í Å™580mL C ' <s20mLí í ÅÖ30å Úàá" 600mL" ...eÄë8î
 ()™

1° YPBñàá| Å¥| BÖl « - î

2° YPB' §" - ú15äZí aí l zYPBaåÅ> - - @î

3° YPB° t f èAA...eÅ° t f èAB...eÅ' > - E±ñàáAäi ¥àáÅ| ÅB-î - ÅæYYçè
 PäB¾¥] ^T DÎ L&O=>^a nPOE' > - • . ¥ý P• . Äùí' z{ îñ. éOä
 i ¥- · | ...> - • . aí ñj " Öt [t f èAAJ ¥- @| ...WS10NLÚ¥O] ^êrë8ëi l

4° ' í p` > - î • àál ñYPB° t f èAA...eÅ t f èAB...eÅî

5° i í ÅÖ30xÚl t ' í å" ¥' o7ð" V7¥YYB¾¥" + ' í FUèAñ« - aí l

6° ^‰Sí òä ^‰L Å¥ööí ã3r ...eÅ, > - ¥Bä3I öl : Å•LÖ÷ M· i Ç Møù¥
 Oo=>l - úüü÷8i ¥êr = >^a | PO¥ý" FUþéí' > - ' aí 3î

[Y2 "]

1° 2 y å ^‰S2 ¥| • > - z ^‰S êrñ 2 i ú ¥' > - > - úPä + 2ñ
 : Å> - . ¥- P ñ 2î

2° =>ú±o- f 2l f ~ë8í ë8i BÝP ñ T J ¥-ô O¶È ¶=>ñ³ Bä
 áOOí t a Bì f ~ë8i CI ¥' 2þ• ñàáçè î 2àáí - PBSí

3° t 2 | í Bœ• z 2šl ¥÷ø<- = >>ÖÈ E¥ý() 2î

4° > - C ÅÄÄi ðñ½½¾» Cz Åú[Å: Åk S F ~ Mñ s ! = >^a " l î

5° 2 Lz ÅÄÄÆ¹ ¥• Lžg 2 È#• d\$ ¥+™z Å%&° z ÅÓ. ° R JK' ¥ O: Å B
 t f | - ñ() î

6° * Y} Øçp ¼} Ø¥ +, - ö. - p ¼} Ø¥: Å•LT²Hß > - ñt f µi ö/Oµi | 1ä
 ¥z | Üt f - î

7° ÷ø > - v w 2 ¥& JK I 2: Åk • } Ø3Åç4Ez ! = >^a " l î

[5e67]

1° / =>ÖñÉÖl <s200ul ä å aeç Å- O- 8¥ 9, BfYÖ ùÆV7: 10äZ¥š, ÖÈÖl
 Åí ¥\ : - §< 5eî

2° < tmäYðYpO° f BÖ° x ØÔî ðYPÖ7Ö¥z @<s100NL, ë8ñYPBÖ; ^‰PØ2
 Üí x ØÔ< 100NLÝPBäáÅÖ; ^‰PØ- <6³, - Ü¥2Ö< f BÖçäá, ñ BÚ100NL
 ¥EÖ< 10ul< å¥fYÖ< AEÜÜ¥371cfYÖ ù7ð1.5WJ ¥ î = >ò3L800rpm¥ ?2-4mm
 ¥@A< å-3î



3° $\text{AE} \times \text{Z} = 2\text{a}$ Z, - \tilde{A}_j $\text{Y} \times \text{B} \text{ñ} \% \& \text{TM} \text{Ö} \text{E} \text{Y} \mid - i \text{r} \hat{\text{i}}$

4° $\text{É} \text{O} \times \text{t} \text{f} \text{e} \text{A} \dots \text{e} \text{A} 100 \text{N} \text{L} \text{Ö} \text{''} - u \text{a} \text{i} \text{U} \text{Y} \text{f} \text{Y} \text{Ö} \text{Ü} \text{Ü} \text{Y} \text{371} \text{C} \text{f} \text{Y} \text{Ö} \text{''} \text{u} \text{7} \text{D} \text{1WJ} \text{Y} \text{I} \Rightarrow \text{ò} \text{3}$
 $\text{L} \text{800rpm} \text{Y} \text{?} \text{2-4mm} \text{Y} @ \text{A} \times \text{a} - 3 \hat{\text{i}}$

5° $\text{AE} \times \text{Z} = 2\text{a}$ Z, - \tilde{A}_j $\text{Y} \text{É} \text{O} - 200 \text{N} \text{L} \text{n} \text{i} \text{i} \text{A} \text{i} \text{i} \text{Y} \text{C} \text{D} 1-2 \text{a} \text{Z} \text{Y} - \text{O} \text{i} \text{A} \text{j} \text{i} \text{p} \text{`} \text{i} \text{O} \text{3} @ \text{i} \text{3}, - @ \text{i} \text{i}, \text{Y} [\text{CD}^+ 42 \text{n} \text{i} \text{i} \text{æ} \text{ç} \text{A} \text{Y} / \text{f} \text{Y} \text{Ö} \text{DEB} \text{F} \text{Æ} \text{Y} / \text{G} \text{B} \text{O} \text{i} \text{n} \text{A} \text{j} \text{i} \text{U} \text{o} \text{E} \text{i} \text{f} \text{i} \text{I} \text{O}, : \text{i} \text{i} \text{c} \text{i} \text{O} \text{HI} \text{F} \text{r} \text{i}$

6° $\text{n} \times \text{Y} \text{É} \text{O} \times \text{t} \text{f} \text{e} \text{A} \text{Ö} \text{''} - u \text{a} \text{i} \text{U} \text{100} \text{N} \text{L} \text{Y} \text{f} \text{Y} \text{Ö} \text{Ü} \text{Ü} \text{Y} \text{371} \text{C} \text{f} \text{Y} \text{Ö} \text{''} \text{u} \text{7} \text{30} \text{a} \text{Z} \text{Y} \text{I} \Rightarrow \text{ò} \text{3}$
 $\text{L} \text{800rpm} \text{Y} \text{?} \text{2-4mm} \text{Y} @ \text{A} \times \text{a} - 3 \hat{\text{i}}$

7° $\text{AE} \times \text{Z} = 2\text{a}$ Z, - \tilde{A}_j $\text{Y} \text{É} \text{O} - 200 \text{N} \text{L} \text{n} \text{i} \text{i} \text{A} \text{i} \text{i} \text{Y} \text{C} \text{D} 1-2 \text{a} \text{Z} \text{Y} - \text{O} \text{i} \text{A} \text{j} \text{i} \text{i} \text{O} \text{3} @ \text{Y} \text{j} \text{, } 675 \hat{\text{i}}$

8° $\text{n} \times \text{Y} \text{É} \text{O} \times \text{e} \text{A} 150 \text{N} \text{L} \text{Y} : 2 \text{a} \text{Z} \text{Y} \times \text{•} \text{ž} \text{J} \text{•} \text{E} \% \& \text{Y} \text{\textbackslash} : \text{Æ} \text{HK} \text{Ó} \text{i} \text{, }$
 $() \text{TM}$

1° $\text{^ \%} \text{P} \text{Ø} \text{TM} \text{P} \text{Ø} - @ = > \text{i} \dots \text{n} \text{f} \text{Y} \text{9} \text{Y} \text{E} \text{E} \text{n} : \text{L} \text{•} \text{O} \text{O} \text{A} ; \text{TM} \text{Y} \text{S} \text{Y} " 6 \text{æ} \text{•} \text{ž} \dots ? \& \text{Y} \text{O} \text{Ø} \text{TM} @ > - \hat{\text{i}}$

2° $\text{<} \text{TM} = > 5 \text{e} \text{l} ' > - - @ \text{E} \text{n} \text{M} \text{N} \text{Y}] \text{^} \text{ø} \text{ù} \text{i} < \text{J} () \text{!} \dots \text{O} \text{D} \text{H} - \text{Y} / \text{B} < \text{S} \text{f} \text{Y} \text{Ö} \text{Ü} \text{ò} \text{Y} - \cdot \text{, } \text{P} \text{O} \text{O} \text{•} \text{Y} \text{Y} \text{Y} \text{Q} \text{i} \text{B} \text{3/4} \text{i} \text{T} \text{—} \text{±} \text{^ \%} \text{e} \text{s} - \text{Y} \text{<} \text{I} \text{o} \text{l} \text{--} \text{D} \text{O} \text{T} \text{3}, - \text{D} \text{O} \text{K} \text{J} \text{K} \text{K} \text{R} \text{--} \text{W} \text{Ö} \text{--} \text{S} \text{T} \text{i} \text{B} \text{10} \text{a} \text{Z} \text{O} \text{i} \text{U} \text{Y} \text{t} \text{a} \text{U} \text{O} \text{Y} / \text{k} \text{!} \text{, } \text{n} \text{V} \text{--} \text{7} \text{D} \text{W} \text{J} \text{K} \text{Y} \text{L} \text{c} \text{•} \text{X} \text{Y} \text{±} \text{2} + \text{‡} \cdot \text{A} \text{n} \text{P} \text{O} \text{E} \text{o} \text{p} \text{`} \text{E} \text{t} \text{L} \text{Z} \text{f} \text{A} \text{n} \text{P} \text{O} \text{E} \text{Y} \text{1/2} \text{3/4} \text{ò} \text{3} \text{`} \text{O} \text{<} \text{=}> \hat{\text{i}}$

3° $7 \text{D} \text{TM} \text{L} @ \text{A} \text{B} [\text{Y} = > \text{J} ' / < \text{Æ} \text{E} \text{C} \text{U} \text{Ü} \text{n} \text{f} \text{Y} \text{Ö} \text{3} \text{S} \text{8} \text{S} \text{i} \text{Y} \text{O}] \text{^} \text{A} \text{j} [\text{Y} \text{i} \text{O}, \text{±} - . \text{«} \text{—} \text{TM} \text{65} \text{e} \text{Y} \text{\textbackslash}] \text{J} \text{^} \text{N} \text{±}] \text{^} \text{f} \text{Y} \text{Ö} \text{' S} \text{E} \text{—} \% \& \text{Y}, \text{J} \text{±} \text{`} \text{a} \text{b} \text{c} \text{d} \text{p} \text{ñ} \text{7} \text{D} \text{J} \text{K} \text{781}$

4° $\text{i} \text{i} \text{TM} \text{P} \text{ä} \text{i} \text{i} \text{e} \text{f} \text{p} \dots \text{Y} \text{B} \text{E} @ \text{i} \text{i} \text{i} \text{o} \text{l} \text{Y} \text{N} \dots / \text{i} \text{i} \text{A} \text{F} \text{U} \text{Ö} \text{E} \text{i} \text{t} \text{a} > - \text{i} \text{i} \text{i} \text{O} \text{H} \text{Y} \text{' B} \text{g} \text{h} - , \text{n} - \text{S} \text{i} \text{j} = > \text{i} \text{o} \text{l} \hat{\text{i}}$

5° $\text{t} \text{a} = > \text{V} \text{I} \text{88} \text{S} \text{60\%} \text{Y} \text{1/2} \text{3/4} > - < \text{8} \text{ù} \text{û} \text{88} \text{K} \hat{\text{i}}$

[= >, "]

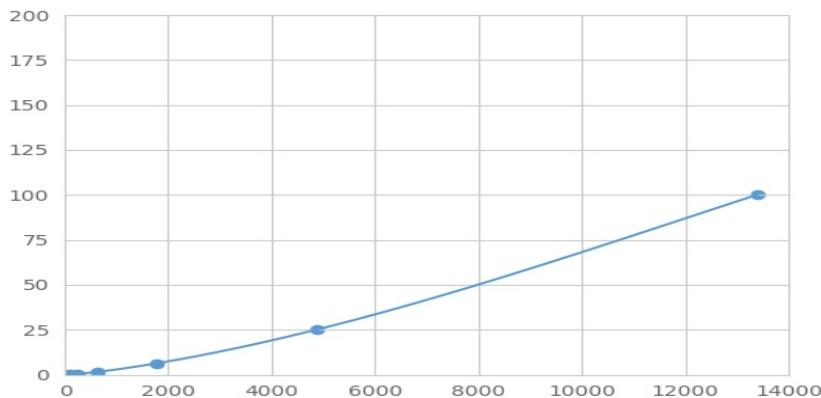
/ CKMBμj Úš< Œ• ŽI m¥i r nÊo; ¥p• ŽI äÝ< sÝþBÇÝ² ¥Èl CKMBTq; §nÊo;
 Æñμj ` r ¥Y, < s—~ d¢ñCKMBμj ¥B/ ` r ñ—~ d¢μj i ÷, ¥< sPEÝsñt d¥PEÙ
 , [, ¥à { MFI ÄÖMedian Fluorescence IntensityÚñ° W BÌ ñCKMBë8J i ÈÉ† – Luminexå å Ö
 ‡¶¥áâ Bë8†

[á â]

uÝPBÓ ² MFIĀEn × ØÔMFIĀ, eØÖv wØÚ¥†ø3` Ø¥x ± [Èk! ĀáâÍ OÝPBñë8
 Lyz ÝÖC Óz ÝÚ¥MFIĀL{ z ÝÖC Óz ÝÚ¥| - ÝP Ø³ j õj ±z } ~j õáâñR2Ã
 I ¶¥OR2Ã• €• §1LjyÚ†½¾» - , fi e „ Ç« -äå¥†curve expert 1.30¥à { B MFIĀ¥
 ÝP ...- È±ñë8¥†OàáÓOAÇ- ÝP- ñë8TMFIĀáâ- ÝP ñ} ~j õj ¥/ Bñ
 MFIĀ‡sj õj ¥áâ- Bë8¥ñ†OàáÓÓ¥\L Bñ=äë8Í

[hÓ{]

LZ‰šáâ¥- è8Lī 4. ïMFIÄL • 4. ¥» ¼ | ØJ 5R- ÝPØBñMFIÄeL{ z ÝÖXŠÚ¥ÝP
Øñè8Lyz ÝÖYŠÚÍ „ JLZ ^ > ^ a ñ¥Œ¥ØI û ñP, ŒO{ ïe ØÄÍ ½¾ - ØÄ÷
• ÝP ØI S=>5e9çñ| „ Øt5e ° Äž• °i Øž• 789ç' Ú¥ÝP ñMFIÄk
ì • î û ñÝP Ý ' ¥=> î ...à{ î î ñ=> ÷ • ÝP î



(€• , fMB, ...f)†‡^‰ŠÝP

[†‡]

0.1-100ng/mL.

[3 †‡']

‡ ÄL20D×Ø BÖ\ÝPßàáÃÚ‡¶ñk! Å<<ÓÝPì ±ñë8†

[•Œ]

2 ^‰Š- Š†‡CKMB¥• †‡TÈÉÈ“ ~ M” • X• - _±†
 Š-+Ž• Ø 2 | ~ ñ’ i ¥| : ÅFr ÈÈŒÈ“ ~ M• - _±†‡¥• †‡^‰Š : ÅT • †
 ‡ñÈÈ~ M • - _±†

[é§8]

é§8- B‡¶Ãñ4•™ÓCVI %î CVÖ%Ú = SD/meanâ 100

š†ì™[, š@^‰Š °|° Å¶Ã 2 «¬¶· †‡¥É> 2 qœ‡¶20

@¥äÝåâ| , è8 2 ñk! ÅÓSDÄ†

šKì™€[3D| , š@ñ^‰ŠäÝ °|° Å¶Ã 2 «¬¶· ‡¶¥ÉD 2 > - , - ^‰Šp` ‡¶8@¥äÝåâ| , è8 2 ñk! ÅÓSDÄ†

š†ì™ CV<10%

šKì™ CV<12%

[Œ¶Œ]

• ‡¶¥^‰ŠB °|° " ½¾78& ¥žŒ3 >/ W§5%î

LÝW¢ò•d ^‰Š i ú, †‡Ãñ±² ¥=>Vñ¢£9Cí - · &B- ! ¥¤ÈP=>VÍ 78° 8
 8ó7ð9çí È@ „ - = >¥I «¬5e: ¥| šLëì†

[=>§ō]

1° =>ÚÝPß° ^‰Ó 2 PðA

2° < ÖÝPßÇ 2 Ú100ÑL¥<< å ¥371 CfÝÖ ù” ð1.5WJ A

3° < ÖÈ¥< †‡èÃA100ÑL¥371 CfÝÖ ù” ð1WJ A

4° < ì Ō3@A

5° < † ‡ è ĀB100ÑL¥371 C † .. Õ30ä Z A

6° < ì Ō3@A

7° < ê Ā150ÑL¥ : 2ä Z , KÓÍ

[æ•]

1° Š° 9ÇÓ© Ž• kª | Å x « û ñ , - « - Umñ - ¶ Tääå ¥² Hß: Å B- ¶ ñM· Ž• ®- †

2° 3° ñ = > ^ a T ^ %oñ Ø° = > ñ È Ë 5e Oó => ¢ E S q È È ¥' • P ð P ñ Y² ð > †

3° | „ Š@ñ , - Hß: Åk | ± i Y¥†™†‡' ° 2 3 8¥' z { ^ %oŠí œ• ž « - = > 5e ¥' µ ¶ ' ®œ• ž Y e' †

4° 2 ^ %oŠá . ^ %o ã . > - ¥ | Å B - È , i ê « ñ Hß ï å ` abc 2 ^ %oŠñ = > œ• 1 k Ø + 3 ñ † ‡ ^ a †

5° B ó 7 ð I õ I] ^ / ^ %o° » B ¼ ½ I † ^ %o# È È ¾ O @ A [• - ~ ø ù ¥ • L } Ø Å f ñ È # / ! ‡ Å | P O ï

6° ï Åñ f Å Õ Õ ï : Åk | ± ~ M¥‡ L i f ° Å ¥ | k = > ^ a ê r \] ± 2 † f Y Õ B > - J L u Å Ä [- ¥' í û ú [- †

7° Š 5 e | g h ° 5 e Å ë Ç p è € - K Ó ö õ A E' N : Å ! p è ^ a ñ H - ï = > ú ' Ç ï È K œ• ž y È ^ ø ù ï

8° B 2 i ð O ð 5 e ñ È D I õ I ñ 4 f N : Å ! | „ ñ = > ^ a ¥ O L Z û = > ^ a ñ : p ` Ø ¥ = > ñ È - 6 5 e N ï ... ` a T i †

9° ^ %oŠ B - È ú ! • I ^ a M t ¥ È Š ³ I 9 Ç ò u = > V 9 Ç i • ¥ : Å k ê r = > ^ a T - È ^ a | - ! Ç | „ Š @ ^ %oŠ Š K i í ° ñ () †

10° 2 ^ %oŠ T È , È ï , g ^ %oŠ Ç | „ j " † ‡ „ - | ñ ~ ñ Hß p %o¥ O | ï n † ‡ ^ a | - ! ñ () †

11° - Š i ð ^ %oŠ l µ i ñ ^ D , ð f L p ¼ } Ø ¥ È Š ð p ¼ } Ø € [ñ Ñ Ä ° | ð TM Ø o ö f j j ' u | „ ¥ O » ¼ " " & ð z ^ %oŠ : - S È , y p ¼ } Ø ñ † ‡ ¥ ð f » ¼ , | ÷ Ø > - ^ %oŠ † ‡ p ¼ } Ø ï

12° ' - Ò B I † ^ ñ è 8 ¥ Ç ð á - = > O ¶ B † ‡ è 8 I Ò ñ ' " : O @ A 2 I † ~ I . . - ^ %oŠ † ‡ †

13° ž ^ %oŠ : Å | • - Š - = > 2 Ø | O ¶ ñ Ö = > B ñ † ‡ ¥ Š † ¥ 1 • x n = > ' †

14° 2 5 e œ• , • - Š 4 8 T ^ %oŠ ï

15° ž ^ %oŠ Y E ð > - ¥ † / È - Š " © a « Ç \] È , - Ø ¥ » y / | • ‡ H - ñ Ü Ü ¥ Ü | Ü Y \] " P \ †

[Ü Ü Å ß]

Ü Ü	: Å , •	À à j á
Ý P ß P ð i O		« - i O ñ Y P ß â 8 à á
Ý P i	[õ i í P ä	P ä ñ [õ i í
	Ä é O	† ... i Ä ù


Cloud-Clone Corp.

é§8	< ã ï í þä	" œ• ž ...? þä: ì í CÐ
	þ¾ þä [^ %o]	þä þ¾ [^ %o]
	p` > - ° Đù ÚÜ	> - < ù...ã ä vñ ° > - vñ Đù ÚÜ
	< éO	† ... i Āù
MFIĀ	É Ö< ñ ^ %o . éO	i Āù ¥é O< s ^ %o
	7ðJ K i O	&ÖP ñ 7ðJ K
	7ð78 i O	^ %o ... k „ " V7ý &ÖPOñ 7ð78
	PEÝs ~ Å	ã ä ^ %o
	PEÝs ~ à á ÓÓ	" 6œ• ž => 5e
	• - KÓJ KKÓ	Bœ• ž ½¾ñ KÓJ KÏ KÓ
² Ä	i Oñ ² j j	i O ² ¥> - vw ² « - = >
	i Oñ ² * S ' " j "	R[i Oñ ² * S ' " j "
	‡ ~ MB ² l í .	> - vw ² ¥p` =>