



LMA539Mu 96T

€• , f „ ... (MBP) † ≠ ^ % Š  
 (< f CE• Lumi nex Ž • • ' ' " )  
 " • — ~ TM Š  
 > • oe• Ž

Ý i Ç E ð &gt; • ¥ | • § .. © a « !

— - ®

## [ ° ± • ]

2 ^ % Š 3 • ' μ i ' ' " ¶ · ≠ ¶ TM Š , 1 ° , » ° 1/4 1/2 3/4 » ° ġ Á Á Á Á Ä ° ġ Á Á Á Ä Ä 1 Ç È É È È — — Á  
 i 1 MBPÍ . †

## [ ^ % Š I D ]

^ % Š O	Ó.	^ % Š O	Ó.
96 Ø Ø Ö x ... Ø Ù	1	96 Ø Ø Ú Ù	4
Ü Y P	2	Ü Y P B à Á	1á 20mL
< á	1	ã ä å æ Á	1á 20mL
† ≠ ç Á A	1á 120eL	† ≠ B à Á A	1á 12mL
† ≠ ç Á B Ö P E - S A Ù	1á 120eL	† ≠ B à Á B	1á 12mL
• Á	1á 10mL	é ê ë Á Ö 30á Ù	1á 20mL
> • oe• Ž	1		

## [ I I I I Ó I Ñ ^ % ]

1° Lumi nex MAGPI Xò ¥ Lumi nex 100ó ¥ Lumi nex

200ó ¥ Ç Bi o-Radò, Bi o-Pl exoã ä ô Ø ö ö ô ÷ &gt; • ø ù ø - ú, ü ü y í + þ ý Ü

2° Ž Ç CE Á ÷ Ñ

3° B à P ï EP .

4° Ç •

5° &lt;

6° é Á ï D ÷

7° 0.01mol /L Ö Ç 1á Ù å ae (PBS) ¥ pH=7.0-7.2

8° ÷

9° Ü Ø ÷

## [ ^ % Š I Ñ ° ]

1°  $\bar{I} \sim \%S \sim \sim \%! " \sim \%# U\$AE \%& \bar{I}' ( ) \bar{Y}^* + \%S, ' - . / U\bar{Y}P^o \bar{t} \bar{t} \bar{c} \bar{A}A$   
 $\circ \bar{t} \bar{t} \bar{c} \bar{A}BO\bar{n}96\bar{O}\bar{O}\& \bar{S}-201C\bar{Y}\bar{E}2\bar{^}{\%}' 3\bar{S}41C\& \bar{I} \cdot \bar{I}$   
 2°  $> \cdot, \bar{I} \sim \%S \sim 42 \bar{^}{\%}5\bar{I} " 6 \bar{^}{\%} \%# U\$ \%i 78\& \bar{I}$   
 ( ) ~  
 $\sim \%S\bar{I} U9: ; < \bar{Y}^" = > \bar{I} ? : \bar{a} @> \cdot A> \cdot, \bar{I} 42 \bar{^}{\%} \%S\bar{o} \bar{o} BC@= >, 1DE\bar{I} > \cdot FG\bar{I} H$   
 $P\bar{I} \circ JKO\bar{S} \cdot AE\bar{I} U\$L\bar{Y} \bar{Y} \& M^o \bar{I} \quad \frac{1}{4}a NO&PQ\bar{I} \bar{I}$

### [ Ü2 İ RST& ]

, 1 ~ / \* S S , 1 a l i U , Ü2 BV7 32<sup>TM</sup>J Ç41C I W¥X , 1,000ag ' 20a Y¥ZAE<sup>1</sup> [ : ¥  
 / AE<sup>1</sup> 3S-201CÇ-801C& ¥\ ] ^\_` a<sup>1</sup>  
 , » ~ • EDTAÇbcdLµe‰RS Ü2 ¥ü / Ü2 BRS , i 30a Yİ §2-81C 1,000ag ' 15a Y¥ZAE<sup>1</sup>  
 [ : t f ¥ç / AE<sup>1</sup> 3S-201CÇ-801C& ¥\ ] ^\_` a<sup>1</sup>  
 ¼½¾» ~ | f g h i ¼½i 1 ¾» i j " k | f  
 1ÜZ" . ¼½l ¥B^- mPBSÖ0.01mol/L¥ pH=7.0-7.2Ül 1 e n , Ä¥¾» øoØp<sup>1</sup>  
 2Ü / ¼½qr<sup>TM</sup>I ¥! ¾i s 3Bt AEi u v w Å Å å æ Ä(x y IS007¥±z { | Ü, ...i } ç Ä¶ ~ •  
 € | f g h i å æ Ä)i • , ! M÷l ØŒ<sup>TM</sup>i ¼½f „ ...t Ül ØM· i f ^ =1:20-1:50¥‰...~ 1mLÅ Å å  
 æ Äl Ss 20-50mg¼½ 2 Ü  
 3Ü / < +i Ø• ÄŽI • • ' ' " 1  
 4Ü / i 1 y i ¾» Ä 10,000ag ' 5a Y¥• -- ¥AE<sup>1</sup> [ : • S t f Ç 3S-201C~ & <sup>1</sup>  
 ç Ä Å Å Å ~ Bä ä ^ ><sup>TM</sup>ø ¥ç Äi š • O^ j " ' ~  
 1Ü > œç Ä ± • • mPBSž ž 1 e ¥X , • Y „ ... i ¥S 1,000ag ' 5a Y , \* S i ØŒ¢ç Ä: E  
 | ' ø ¥\* S Ü<sup>1</sup>  
 2Ü / \* S +i ç Ä • mPBSê 3@A  
 3Ü / ç Ä • v w Å Å å æ Äp Ø" | 8L 107Dç Ä/S " ¥...©i „ ¥ç Ä: O<sup>a</sup> « • • -' ' " ç Ä" 1  
 4Ü / Ü2 §2-81C 1,500ag ' 10a Y¥• -- ¥AE<sup>1</sup> [ : • S t f Ç 3S-201C~ & <sup>1</sup>  
 ç Ä Å Å Ä<sup>1</sup> ÇÈÉ—Ü2 ~ ' 1,000ag ' 20a Y¥ZAE<sup>1</sup> [ : t f ¥ç / AE<sup>1</sup> 3S-201CÇ-801C& ¥  
 \ ] ^\_` a<sup>1</sup>  
 ( ) ~  
 1° ØÆÜ2 ! i | & ¥41C& <sup>TM</sup>§1- ¥-201C| • | 1DE ¥-801C| • | 2DE<sup>1</sup>  
 2° Ü2 ®^- ç , k ° ±<sup>2</sup> , t f <sup>3</sup> ©¥• t ç , Ü2 | ^ a « t µ t f<sup>1</sup>  
 3° Ü2 > • ø ± å ¶! . " V7¥| ± Šú > <sup>TM</sup>a Ä<sup>1</sup>  
 4° , S 1 · t f Ø{ ¥° » ¼½ > • , 1 ¾ | P , » d L 2 a « t f<sup>1</sup>

### [ Luminex200 ã ä ô ]

1. ã ä i f ~ 50uLA
2. Ø• g h ~ < å MagPlex;
3. ç < å . ~ 50Å/Å;
4. MFI Å ~ Median.

### [ ^ %oYi ]

1° > • ø/  $\bar{I} \sim \%o \bar{p} \bar{U}^2 \bar{a} \bar{P}! . " V7 \bar{O}18-251 C \bar{U} \bar{Y} \dots \bar{C} \bar{O} \bar{P} \bar{a} \bar{S} \bar{B} - \bar{A} \bar{J} \bar{K} \bar{I} | \bar{A} > \cdot \bar{Y}^! \bar{Y} \bar{Z} \bar{R}^2$   
 $@^ > \bar{I} \bar{I} \bar{U} \bar{9} \bar{p} \sim \%o \bar{Y} \bar{u} / 42\bar{I} \bar{U} \bar{9} \bar{n} \sim \%o \bar{A} \bar{P} \bar{9} \bar{A} \bar{E} \& \bar{I}$

2° ÜÝP(` ÇP)~ È#ÜÝPŠs ÜÝPßà Ä0.5mL¥Éý , V7È3¹ È10ä Y¥f Jžžì Í Ö\] ï  
Í Ù¥Èé8L10.0ng/mL Ýí 7Dßà ÜÝPí EP ¥ÈDEP ì Šs 300DLü ÜÝPßà Ä¥...Ñ %z  
@Ò^ßà r 10.0ng/mL, 2.5ng/mL, 0.62ng/mL, 0.16ng/mL, 0.04ng/mL, 0.01ng/mL, 0.0ng/mL¥ÜÝPßà  
Ä(0ng/mL)¤ ¥dLx...Ôî L&Ó=>³ © f¥È@=>'>• vï ÜÝPç Äî

item	1	2	3	4	5	6	7	Tube
MBP	10.0	2.5	0.62	0.16	0.04	0.01	0	ng/mL

3° t‡çÄAñ t‡çÄB~ Detection A ñDetection BB> • ø' • ÔÖÖ~ ÇxØ ' ' ¥O> ÜÚB  
œÇ#Éï Äj - ð + Üî " • øä ÜO† ðßà ÄAÇB 1:100ßà (...)~ 10DL† ðçÄA/990DL† ðßà  
ÄA)¥YäP¾¥ßàøß{ ~ oàáyï È@=> ì ï ð· ãi (100DL/Ô)¥=ããi J± ãi 0.1-0.  
2mL

4° éëëÄ~ 580mL Ç • Šs 20mLêë ÄÖ30á Ùßà " 600mL" ädÄé8î  
( )~

1° ÜÝPíßà | Ä¤¥BÖl a «î

2° ÜÝP' §" • ø15ä YI ãi î • ÜÝPåÄ> • - @î

3° ÜÝP° t‡çÄAädÄ° t‡çÄBädÄ' > • È±ïßà Äâi ¥ßàÄ| ÄP•î • Äæž ž çè  
ÝäP¾¥\] ï ï L&Ó=>³ ©ï YOf' > • œ· ¥üÿYœ· Ä÷î' z{ ï ï · éOâ  
i ¥- · | „ > • œ· ãi ï j " Ö... Z t‡çÄAJ ¥- @| „ ™S10DLÜ¥O\] èr é8ëi î

4° ' i p\_> • i Žßàl i ÜÝP° t‡çÄAädÄp t‡çÄBädÄî

5° êëÄÖ30xÜl ... ³i ä®¥' o7ð" V7¥žž P¾¥" +³i FUçÄñ a «ãi î

6° ^‰Šl ðã ^‰L Ä¥óöì â3r ädÄ, > • ¥ßà3l ðl : Ä•Lö÷ M· ì Ç Møù¥  
Oñ=>l • úúü÷8i ¥êr =>³ ©| YO¥ý" FUþéî' > • ' ã3î

## [ Ü² ' ' ]

1° ² y å ^‰Š² ¥! • > • • ^‰Š èr i ² ú ¥' > • > • øÝä + ² i  
: Ä> • • ¥- Ý i ² î

2° =>ø±o- ð ² l ð-é8î é8i BÜY i ï J¥•ô O¶È ¶=>i ² Pß  
àðOî ...© þl ð-é8i Çl ¥' ² ú" ißàçé î ²ßàl • PBSî

3° t ² | í Bœ•ž ² ™l ¥ööa « = >>ÓÈ f¥ü() ² î

4° > • i ÄÄÄi î i ¼½¾» Çç ÄùZÄ: Äk S i -Mř s ! =>³ ©" i î

5° ² LçÄÄÅÆ¹ ¥• L• g ² Ç#• c\$ ¥...~ çÀ%&° çÀÓ ° R JK' ¥ O: Ä B  
t‡l ®i () î

6° \* X, ...Çp ¼, ...¥ +, - ñ, - p ¼, ...¥: Ä•LT² HP > • i t‡mu ñ/Omu | 1â  
¥¾| Øt‡®î

7° ÕÖ> • vw ² ¥& JKl 2: Äk • „ ...3Äç4f ¾ ! =>³ ©" i î

## [ 5d67 ]

1° / =>Öi ÈÖi Šs 200uläääåæÄ•O- 8¥ 9, B ÜÖ ÷ÆV7: 10ä Y¥™, ÖçÖi  
Äj ¥[ : • ŠS 5dî

2° Š ~ äÜðÜÝÖ° ð PÖ° x...Ôi ðÜÝÖ7Ö¥z @Šs 100DL| f é8i ÜÝPÖ; ^‰Ýi 2  
Üî x...ÔŠ100DLÜÝPßàÄÖ; ^‰Ýi ñ<6², - Ü¥2ÔŠ ð PÖçßà, i PÜ100D  
L¥ÈÖŠ10ul< â¥ ÜÖŠÆÜÛ¥371C ÜÖ ÷ 7ð1.5™J ¥ ï =>ð3L800rpm¥ ?2-4mm  
¥@A< â- 3î



3°  $\text{AE}$   $\text{Y}2\bar{a}\text{Y}$ , •  $\tilde{\text{A}}_j$   $\text{Y}^<$  &  $\text{B}\bar{I}$  %&~  $\tilde{\text{O}}\bar{C}\text{Y}^>$  •  $\hat{e}\hat{e}\hat{I}$

4°  $\text{E}\bar{O}\bar{S} \cdot \tilde{\text{f}} \cdot \tilde{\text{c}} \tilde{\text{A}} \tilde{\text{A}} \tilde{\text{d}} \tilde{\text{A}} 100\text{DL} \cdot \tilde{\text{o}} \tilde{\text{a}} \tilde{\text{i}} \tilde{\text{U}} \text{Y} \tilde{\text{U}}\tilde{\text{O}}\tilde{\text{U}}\tilde{\text{U}} \text{Y}371\text{C} \tilde{\text{U}}\tilde{\text{O}} \div 7\bar{O}1^{\text{TM}}\text{J} \text{Y} \tilde{\text{I}} = >\bar{O}3$   
 $\text{L} 800\text{rpm} \text{Y} ? 2\text{-}4\text{mm} \text{Y} @ \text{A} < \hat{a} - 3\hat{I}$

5°  $\text{AE}$   $\text{Y}2\bar{a}\text{Y}$ , •  $\tilde{\text{A}}_j$   $\text{Y}\tilde{\text{E}}\tilde{\text{O}} \cdot 200\text{DL} \cdot \tilde{\text{e}} \tilde{\text{e}} \tilde{\text{A}} \tilde{\text{e}} \tilde{\text{e}} \text{Y} \text{C} \tilde{I} 1\text{-}2\bar{a}\text{Y} \text{Y} \cdot \tilde{\text{O}}\tilde{\text{I}} \tilde{\text{A}}_j \tilde{\text{I}} \text{p\_e}\tilde{\text{O}}3 @ \tilde{\text{I}}^2, - @ \tilde{\text{e}} \tilde{\text{e}}, \text{Y} \text{Z}\bar{C}\bar{D} \cdot 42\tilde{I} \tilde{\text{e}} \tilde{\text{e}} \tilde{\text{a}} \tilde{\text{a}} \text{Y} / \tilde{\text{U}}\tilde{\text{O}}\tilde{\text{D}}\tilde{\text{E}}\tilde{\text{B}} \text{F}\bar{A}\text{Y} / \text{G} \text{B}\tilde{\text{O}}\tilde{\text{I}} \tilde{\text{I}} \tilde{\text{A}}_j \text{U}\tilde{\text{O}} \tilde{\text{C}} \tilde{\text{I}} \tilde{\text{t}} \tilde{\text{I}} \tilde{\text{O}}\tilde{\text{f}} : \tilde{\text{i}} \tilde{\text{i}} < \tilde{\text{e}}\tilde{\text{O}}\tilde{\text{H}}\tilde{\text{I}} \text{F}\tilde{\text{r}} \tilde{\text{I}}$

6°  $\text{n} < \text{Y}\tilde{\text{E}}\tilde{\text{O}}\tilde{\text{S}} \cdot \tilde{\text{f}} \cdot \tilde{\text{c}} \tilde{\text{A}} \tilde{\text{B}} \tilde{\text{d}} \tilde{\text{A}} \tilde{\text{O}} \cdot \tilde{\text{o}} \tilde{\text{a}} \tilde{\text{i}} \tilde{\text{U}} 100\text{DL} \text{Y} \tilde{\text{U}}\tilde{\text{O}}\tilde{\text{U}}\tilde{\text{U}} \text{Y}371\text{C} \tilde{\text{U}}\tilde{\text{O}} \div 730\bar{a}\text{Y} \text{Y} \tilde{\text{I}} = >\bar{O}3 \text{L} 800\text{rpm} \text{Y} ? 2\text{-}4\text{mm} \text{Y} @ \text{A} < \hat{a} - 3\hat{I}$

7°  $\text{AE}$   $\text{Y}2\bar{a}\text{Y}$ , •  $\tilde{\text{A}}_j$   $\text{Y}\tilde{\text{E}}\tilde{\text{O}} \cdot 200\text{DL} \cdot \tilde{\text{e}} \tilde{\text{e}} \tilde{\text{A}} \tilde{\text{e}} \tilde{\text{e}} \text{Y} \text{C} \tilde{I} 1\text{-}2\bar{a}\text{Y} \text{Y} \cdot \tilde{\text{O}}\tilde{\text{I}} \tilde{\text{A}}_j \tilde{\text{I}} \tilde{\text{e}}\tilde{\text{O}}3 @ \text{Y} \text{j} " \text{f} 675\hat{I}$

8°  $\text{n} < \text{Y}\tilde{\text{E}}\tilde{\text{O}}\tilde{\text{S}} \cdot \tilde{\text{A}} 150\text{DL} \text{Y} : 2\bar{a}\text{Y} \text{Y} > \text{E} \cdot \text{J} \text{E}\bar{C}\%&\text{Y} [ : \text{AEHK}\tilde{\text{O}}\tilde{\text{I}} ( ) ^$

1°  $\sim \% \tilde{\text{Y}} \tilde{\text{I}} \sim \tilde{\text{Y}} \tilde{\text{I}} - @ = > \tilde{\text{i}} \tilde{\text{,}} \tilde{\text{I}} \tilde{\text{U}} 9\text{Y} \tilde{\text{E}} \tilde{\text{E}} \tilde{\text{I}} : \text{L} \text{E}\tilde{\text{O}}\tilde{\text{O}}\text{A}; \sim \text{Y} \tilde{\text{I}} \text{Y} " 6\bar{a}\text{e} \cdot \tilde{\text{z}} \tilde{\text{,}} ? & \text{Y} \text{O} \tilde{\text{I}} \sim @ > \cdot \hat{I}$

2°  $\tilde{\text{S}} \sim = > 5\text{d} \tilde{\text{l}} \cdot > \cdot - @ \text{f} \tilde{\text{i}} \text{M} \text{N} \text{Y} \backslash ] \text{o} \tilde{\text{u}} \tilde{\text{I}} \tilde{\text{S}} \text{J} ( ) \mid , \text{O} \tilde{\text{I}} \text{H} - \text{Y} / \text{P} \tilde{\text{S}} \tilde{\text{S}} \tilde{\text{U}}\tilde{\text{O}}\tilde{\text{U}} \text{O} \text{Y} - \cdot | \text{P} \tilde{\text{n}} \text{O} \text{e} \text{Y} \tilde{\text{z}} \tilde{\text{z}} \text{Q} \tilde{\text{I}} \text{P} \tilde{3} \tilde{4} \tilde{I} \text{T} \wedge \pm \sim \% \tilde{\text{S}} \text{S} - \text{Y} \tilde{\text{S}} \text{I} \tilde{\text{o}} \tilde{\text{l}} \dashv \text{D} \tilde{\text{O}} \text{T} \tilde{2}, - \text{D} \tilde{\text{O}} \tilde{\text{S}} \text{J} \text{K} \text{K} \text{R} \cdot \text{.} \text{TM} \tilde{\text{O}} - \text{S} \text{T} \text{I} \text{B} 10\bar{a}\text{Y} \text{O} \tilde{\text{I}} \text{U} \text{Y} \dots \text{C} \text{U} \text{1} \text{Y} / \text{k} ! | \text{f} \tilde{\text{i}} \text{V} \text{.} 7\bar{O} \text{W} \text{J} \text{K} \text{Y} \text{L} \tilde{3} \tilde{4} \cdot \text{X} \text{Y} \wedge \pm + \tilde{\text{f}} \cdot \tilde{\text{A}} \tilde{\text{I}} \tilde{\text{Y}} \text{O} \tilde{\text{f}} \text{n} \text{p\_f} \tilde{\text{I}} \text{L} \text{Z} \tilde{\text{f}} \tilde{\text{A}} \tilde{\text{I}} \tilde{\text{Y}} \text{O} \tilde{\text{f}} \text{Y} \frac{1}{4} \frac{1}{2} \bar{O}3 \tilde{\text{O}}^a \ll = > \hat{I}$

3°  $7\bar{O} \sim \text{L} @ \text{A} \text{P} [ \text{Y} = > \text{J} \cdot / \tilde{\text{S}} \text{A} \text{E} \text{C} \tilde{\text{U}} \tilde{\text{U}} \tilde{\text{I}} \tilde{\text{U}} \tilde{\text{O}} \tilde{\text{3}} \tilde{\text{S}} \tilde{\text{8}} \tilde{\text{S}} \tilde{\text{I}} \text{Y} \text{O} \backslash ] \tilde{\text{A}}_j [ \text{Y} \tilde{\text{e}} \tilde{\text{O}}, \pm - . ^a \ll \sim 65 \text{d} \text{Y} \backslash ] \text{J} \wedge \text{N} \pm \backslash ] \tilde{\text{U}} \tilde{\text{O}}' \text{S} \text{C} \underline{\%} \& \text{Y} \text{f} \text{J} \pm \text{`} \text{a} \text{b} \text{c} \text{d} \text{p} \text{I} \text{i} 7\bar{O} \text{J} \text{K} \text{p} 78\tilde{I}$

4°  $\hat{e} \hat{e} \sim \tilde{\text{Y}} \tilde{\text{a}} \hat{e} \hat{e} \text{e} \text{f} \text{p}, \text{Y} \text{B} \tilde{\text{E}} @ \hat{e} \hat{e} \text{i} \tilde{\text{o}} \tilde{\text{l}} \text{Y} \text{N}, / \hat{e} \hat{e} \tilde{\text{A}} \text{F} \text{U} \tilde{\text{O}} \tilde{\text{C}} \tilde{\text{I}} \dots \text{C} \cdot \tilde{\text{i}} \tilde{\text{i}} \hat{e} \tilde{\text{O}} \text{H} \text{Y} \text{' B} \text{g} \text{h} \cdot \text{,} \tilde{\text{n}} \cdot \text{S} \text{i} \text{j} = > \text{i} \tilde{\text{o}} \tilde{\text{l}} \hat{I}$

5°  $\dots \text{C} = > \text{V} \tilde{\text{I}} \text{88} \text{S} 60\% \text{Y} \frac{1}{4} \frac{1}{2} \cdot \tilde{\text{S}} \text{8} \div \text{u} \text{88} \text{K} \hat{I}$

[ = > , ' ]

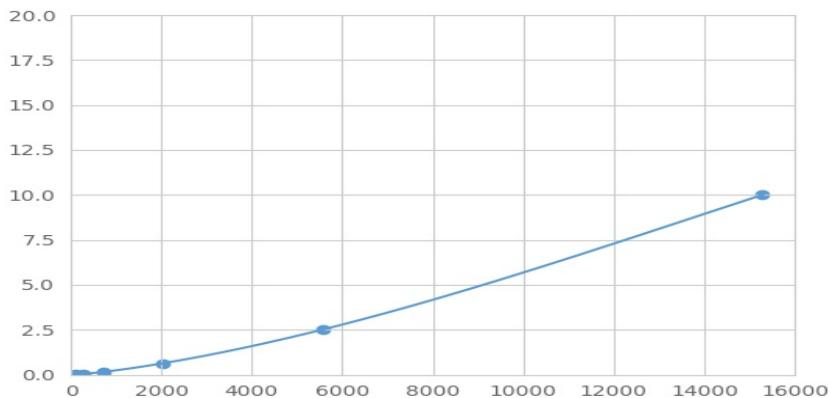
/ MBPμ<sub>i</sub> ØS< fŒ• I m¥i r nÊo<sub>i</sub> ¥pŒ• I ã ÜŠs ÜÝPÇÜ<sup>2</sup> ¥ÈI MBPT q ¥S nÊo<sub>i</sub> AE  
i μ<sub>i</sub> <sup>3</sup>r ¥X, Šs—c<sub>i</sub> i MBPμ<sub>i</sub> ¥B/ <sup>3</sup>r i —c<sub>i</sub> μ<sub>i</sub> ê÷, ¥Šs PEÜs i t b c ¥PEØu[  
, ¥B{ MFI ÅÖMedian Fluorescence IntensityÜt<sup>1</sup> <sup>TM</sup>b p l i MBPé 8J i È È t • Luminexå à ô‡¶  
¥à á Pé 8†

[ à á ]

v ÜÝþñ ² MFIÂEn × ...ÔMFIÂ, d ÑÖwx ÑÙ¥...ð3\_Ô¥y ± ZÈk! ÅàáÍ OÜÝþí é8  
 Lz { ÜÖÇ Ó{ ÜÙ¥MFIÂL | { ÜÖÇ Ó{ ÜÙ¥} ®ÜÝ Ö² j õj ±z ~• j õàáÍ R2Â  
 I ¶¥OR2Â€•, §1LýÙÎ ¼½» • f „ i d ...Æª « ã ä ¥...curve expert 1.30¥ß{ þMFIÂ¥  
 ÜÝ †®È±ï é8¥‡OßàÒÓAÇ• ÜÝ—ï é8TMFIÂàá®ÜÝ ï ~• j õj ¥/ þí  
 MFIÂ^sj õj ¥àá® þé8¥ñ‡OßàÒÓ¥[ L þí =ãé8î

[ %0h ]

LZŠŠàá¥- é8Lí 4· ¾MFIÅL • 4· ¥° » } ÑJ 5R• ÜÝPÍ MFIÅdL | { ÜÖX<sup>¶</sup> Ù¥ÜÝ  
PÍ é8Lz{ ÜÖY<sup>¶</sup> ÚÍ f J L Z ^ ><sup>3</sup> ©Í œEf ¥Ñì ù Í P, • Ó{ ¾e ÖÄî ¼½> • ÖÄö  
ŽÜÝ ÑÍ Š=>5d9Æí ; f Ö...5d ° Ä• • ° èÖ• • þ789Æ' Ù¥ÜÝ Í MFIÅk  
í ' Í ù Í ÜÝ ¥ = > í „ ß{ í Í Í => ÖŽÜÝ Í



(€• ,  $f$ , ...)† ≠ ^ % Š Ü Y

### [ t f ]

0.01-10ng/mL.

### [ 2 t f " ]

† Å L 20D x ... PÖ[ Ü Y P B à Ä U f ¶ i k ! Å S < Ø Ü Y i ± i é 8 i

### [ ' f ]

2 ^ % Š • Š t f M B P Y Ž t f T È É È " — M • • X — — ^ ± i

Š ~ + • • n 2 | TM i " i ¥ | : Ä F r È È Ç È " — M — — ^ ± t f ¥ • t 2 ^ % Š : Ä T Ž t  
‡ i È È — M — — ^ ± i

### [ e l 8 ]

é | 8 • P f ¶ A i 4' Š Ó C V I % i C V Ö % Ü = SD/meaná 100

> Ŧ i ~ Z f > @ ^ % Š ° i ° Ä ¶ A 2 a « ¶ . t f ¥ È œ 2 q • f ¶ 20

@ ¥ a Ü à á | f é 8 2 i k ! Å n S D Ä i

> K i ~ • Z 3 D | f > @ i ^ % Š a Ü ° i ° Ä ¶ A 2 a « ¶ . f ¶ ¥ È D 2 > • f - ^ % Š p \_ f ¶ 18 @ ¥ a Ü à á | f é 8 2 i k ! Å n S D Ä i

> Ŧ i ~ C V < 10%

> K i ~ C V < 12%

### [ O P f ]

Ž f ¶ ¥ ^ % Š B ° i ž " ¼½ 7 8 & ¥ Y f 3 > / TM Š 5% i

L TM C Ò • C ^ % Š i C Ø, t f Ä i ° ± ¥ = > V i E Ù 9 A E i - - & B - ! ¥ Y È P = > V i 7 8 ° 8 8 n 7 Ò 9 A E i È @ f - = > | | a « 5 d : Š " L è i i

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### [ ÜÜÄá ]

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***Cloud-Clone Corp.***

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