

分項一：試驗試劑套組-1

規格需求說明書附件

預算金額：780,000元

送貨包裝量與規格包裝量不同時，須至少符合兩者相乘之總量。

項次	品名	規格	包裝	單價
1	Access Array Barcode Library for Ion Torrent PGM Sequencer - 96 (Bidirectional)	Each library includes two 96-well plates containing two sets of 96 barcodes for bidirectional single-read sequencing on Ion Torrent PGM Sequencer. 50µl per primer pair at 2µM is supplied. Each library contains sufficient volume to run 10x96 barcoding reactions.	組	40,469
2	qPCR 37K IFC multipack + Sample/Loading Kit - 20 IFC Package	Contains 20 - qPCR 37K IFCs, 40 syringes of Control Line Fluid (300ul) 2 tube of 20X GE Sample Loading Reagent (1ml)(valid for both GE and Digital IFCs)	組	200,286
3	qPCR 37K IFC multipack (20 IFC Package)	Contains 20 qPCR 37K IFCs	組	135,230
4	Digital Array (12.765, 48.770, qPCR 37K) Loading Kit - for 20 IFCs	Contains 40 syringes of Control Line Fluid (300ul) 2 tube of 20X GE Sample Loading Reagent (1ml)	組	21,114
5	GE 48.48 Dynamic Array Sample & Assay Loading Reagent Kit - 10 Chips	20 syringes of Control Line Fluid (300ul) 1 tube of Assay Loading Reagent (1.5ml) 1 tube of GE Sample Loading Reagent (250ul) for 10 chips	組	13,651
6	GE 48.48 Dynamic Array Sample & Assay Loading Reagent Kit - 40 Chips	80 syringes of Control Line Fluid (300ul) 4 tubes of Assay Loading Reagent (1.5ml) 1 tube of GE Sample Loading Reagent (1ml) for 40 chips	組	36,950
7	GE 96.96 Dynamic Array Sample & Assay Loading Reagent Kit - 10 Chips	20 syringes of Control Line Fluid (150ul) 2 tubes of Assay Loading Reagent (1.5ml) 2 tubes of GE Sample Reagent (250ul) for 10 Chips	組	15,147
8	GE 96.96 Dynamic Array Sample & Assay Loading Reagent Kit - 40 Chips	80 syringes of Control Line Fluid (150ul), 8 tubes of Assay Loading Reagent (1.5ml) and 2 tubes of GE Sample Loading Reagent (1ml) for 40 Chips	組	34,127
9	GT 48.48 Dynamic Array Sample & Assay Loading Reagent Kit - 10 Chips	20 syringes (300ul) for 10 chips 1 tube of Assay Loading Reagent (1.5mL) for 10 chips 1 tube of GT Sample Loading Reagent (250ul) for 10 chips	組	14,333
10	GT 48.48 Dynamic Array Sample & Assay Loading Reagent Kit - 40 Chips	80 syringes of Control Line Fluid (300ul), 4 tubes of Assay Loading Reagent (1.5 ml) and 1 tube of GT Sample Loading Reagent (1ml) for 40 Chips	組	36,950
11	GT 96.96 Dynamic Array Sample & Assay Loading Reagent Kit - 10 Chips	20 syringes (150ul) for 10 chips 2 tubes of Assay Loading Reagent (1.5ml) for 10 chips 2 tubes of GT Sample Loading Reagent (250ul) for 10 chips	組	19,794
12	GT 96.96 Dynamic Array Sample & Assay Loading Reagent Kit - 40 Chips	80 syringes of Control Line Fluid (150ul), 8 tubes of Assay Loading Reagent (1.5ml) and 2 tubes of GT Sample Loading Reagent (1ml) for 40 Chips	組	35,833
13	Digital Array 12.765 or 48.770 Loading Kit - 10 Chips	20 syringes of Control Line Fluid (300ul) 1 tube of 20X GE Sample Loading Reagent (1ml) for 10 Chips (valid for both GE and Digital chips)	組	14,333
14	Control Line Fluid Kit - dynamic (48.48 only)/digital/access	20 syringes of Control Line Fluid for 10 chips. Supports 48.48 Dynamic Array (GE or GT), Digital Array, or Access Array.	組	4,208
15	Control Line Fluid Kit - 96.96	96.96 Dynamic Array (GE or GT) Control Line Fluid Kit 20 syringes of Control Line Fluid for 10 chips	組	4,208
16	Access Array 48.48 + Sample/Loading Kit - 10 Chip Package	10 - 48.48 Access Array IFCs (sufficient reagent for 48 unique amplicons over ten chips) 20 syringes of Control Line Fluid (20x300ul) 2 tubes of 20X Access Array Loading Reagent (2x250ul) for 10 chips 10 tubes of 1X Access Array Harvest Solution (10x5mL) for 10 chips 2 tubes of 1X Hydration Reagent (2x5mL)	組	288,558
17	AA Accessory Kit	Contains one barrier applicator and 20 barriers for 20 chips	組	1,377
18	Access Array Target-specific Primers	Custom amplicon tagging primer design and synthesis. Pricing reflects per amplicon. Wet tested by electrophoresis. Designed to human genomic DNA. For use with the Access Array. Primers provided in 96 well plate. Primer volumes sufficient for 100 48.48 Access Array chips. Minimum order of 48 primer sets required.	組	7,038
19	Access Array Target-specific Primers - Redesign	Special customer request for redesign within specification. Minimum order of 3 assays; priced per assay.	組	17,063
20	Access Array Multiplex Target-Specific Primers	Custom multiplexed amplicon tagging primer design and synthesis. Pricing reflects per amplicon. Designed to human genomic DNA. For use with the Access Array System. Primers provided in 96 well plates. Primer volumes sufficient for 100 48.48 Access Array chips. Minimum order of 144 primer sets required.	組	3,519
21	12.765 + Sample/Loading Kit - 10 Chip Package	10 - 12.765 Digital Array Chips 20 syringes of Control Line Fluid (300ul) 1 tube of 20X GE Sample Loading Reagent (1ml) (valid for both GE and Digital chips)	組	296,652

項次	品名	規格	包裝	單價
22	192.24 GT + Sample/Loading Kit - 10 Chip Package	10 - 192.24 Genotyping (GT) Dynamic Array IFCs 10 syringes (160ul) 1 tube of Assay Loading Reagent (1.5 ml) 3 tubes of 20X Fast GT Sample Loading Reagent (250ul each) 2 tube of Pressure Fluid (3.5 ml each)	組	301,930
23	48.48 + Sample/Loading Kit - 10 Chip Package	10 - 48.48 Gene Expression (GE) Dynamic Array Chips 20 syringes (300ul) 1 tube of Assay Loading Reagent (1.5mL) 1 tube of GE Sample Loading Reagent (250ul)	組	201,287
24	48.48 + DNA Binding Dye Sample/Loading Kit - 10 Chip Package	10 48.48 GE Dynamic Arrays 20 syringes of Control Line Fluid (300 uL) 1 tube of Assay Loading Reagent (1.5 mL) 1 tube of DNA binding dye Sample Loading Reagent (250 uL)	組	201,287
25	48.48 GT + Sample/Loading Kit - 10 Chip Package	10 - 48.48 Genotyping (GT) Dynamic Array Chips 20 - syringes (300ul each) 1 - tube of Assay Loading Reagent (1.5ml) 1 - tube of GT Sample Loading Reagent (250ul)	組	201,287
26	48.770 + Sample/Loading Kit - 10 Chip Package	10 - 48.770 Digital Array Chips 20 syringes of Control Line Fluid (300ul) 1 tube of 20X GE Sample Loading Reagent (1ml) (valid for both GE and Digital chips)	組	588,025
27	96.96 + Sample/Loading Kit - 10 Chip Package	10 - 96.96 Gene Expression (GE) Dynamic Array Chips 20 syringes (150ul) 2 tubes of Assay Loading Reagent (1.5ml) 2 tubes of GE Sample Loading Reagent (250ul each)	組	639,050
28	96.96 + DNA Binding Dye Sample/Loading Kit - 10 Chip Package	10 96.96 GE Dynamic Arrays 20 syringes of Control Line Fluid (150 uL) 2 tubes of Assay Loading Reagent (1.5 mL each) 2 tubes of DNA binding dye Sample Loading Reagent (250 uL each)	組	639,050
29	96.96 GT + Sample/Loading Kit - 10 Chip Package	10 - 96.96 Genotyping (GT) Dynamic Array Chips 20 - syringes (150ul) 2 - tubes of Assay Loading Reagent (1.5ml each) 2 - tubes of GT Sample Loading Reagent (250ul each)	組	400,462
30	96.96 GT + Sample/Loading + SNPtype Reagents Kit - 10 Chip Package	10 - 96.96 Genotyping (GT) Dynamic Array Chips 20 - syringes (150ul) 2 - tubes of Assay Loading Reagent (1.5ml each) 2 - tubes of SNPtype Sample Loading Reagent, 20X (250ul each) 2 - tubes of SNPtype Reagent, 60X (70ul each)	組	411,019
31	12.765 Digital Array Chip	One 12.765 Digital Array IFC, which enables 9,180 reactions using 12 samples	組	29,137
32	192.24 Dynamic Array IFC for SNP Genotyping	One 192.24 Genotyping IFC, which enables 4,608 reactions using 24 samples and 192 assays	組	29,560
33	FR48.48 + Sample/Loading Kit - 25 Chip Package	(25) FR48.48 Dynamic Array IFC (5) FR48.48 Dynamic Array IFC Reagent kit (Control Line Fluids, Loading Reagents, and Wash solutions sufficient for 25 chip runs per kit)	組	404,685
34	48.48 Dynamic Array Chip for Gene Expression	One 48.48 Dynamic Array IFC for Gene Expression, which enables 2,304 reactions using 48 samples and assays	組	19,706
35	48.48 Dynamic Array Chip for Genotyping	One 48.48 Dynamic Array IFC for Genotyping, which enables 2,304 reactions using 48 samples and assays	組	19,706
36	48.770 Digital Array Chip	One 48.770 Digital Array IFC, which enables 36,960 reactions using 48 samples	組	58,275
37	FR48.48 + Sample/Loading Kit - 5 Chip Package	(5) FR48.48 Dynamic Array IFC (1) FR48.48 Dynamic Array IFC Reagent kit (Control Line Fluids, Loading Reagents, and Wash solutions sufficient for 25 chip runs)	組	121,406