

【分項二】分生檢驗用試劑耗材

預算金額：650,000元

1. 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。

序號	品名	規格	廠牌	型號	單價	單位
1	限制酵素 Not I-HF	2,500 units	NEB	#R3189L	15900	瓶
2	限制酵素 Sfi I	3,000 units	NEB	#R0123S	4500	瓶
3	限制酵素 Xba I	15,000 units	NEB	#R0145L	17000	瓶
4	限制酵素 Xba I	3,000 units	NEB	#R0145S	4350	瓶
5	限制酵素 Avr II	100 units	NEB	#R0174S	4500	瓶
6	限制酵素 Asc I	2,500 units	NEB	#R0558L	19000	瓶
7	限制酵素 Apo I	5,000 units	NEB	#R0566L	19000	瓶
8	限制酵素 Sma I	10,000 units	NEB	#R0141L	16000	瓶
9	限制酵素 Apa I	25,000 units	NEB	#R0114L	18000	瓶
10	限制酵素 Hinf I	5,000 units	NEB	#R0155S	4000	瓶
11	限制酵素 Taq α I	4,000 units	NEB	#R0149S	3850	瓶
12	標準液 Lambda Ladder PFG Marker	50 gel lanes	NEB	#N0341S	10500	瓶
13	質體核酸純化試劑組 Monarch Plasmid Miniprep Kit(50)	50 reactions	NEB	#T1010S	6600	組
14	質體核酸純化試劑組 Monarch Plasmid Miniprep Kit(250)	250 reactions	NEB	#T1010L	30000	組
15	核酸純化試劑組 Monarch DNA Gel Extraction Kit(50)	50 reactions	NEB	#T1020S	6600	組
16	核酸純化試劑組 Monarch DNA Gel Extraction Kit(250)	250 reactions	NEB	#T1020L	30000	組
17	核酸純化試劑組 Monarch PCR & DNA Cleanup Kit(50)	50 reactions	NEB	#T1030S	6600	組
18	核酸純化試劑組 Monarch PCR & DNA Cleanup Kit(250)	250 reactions	NEB	#T1030L	30000	組
19	熱活化核酸聚合酵素 Q5 Hot Start High-Fidelity DNA Polymerase	100 units	NEB	#M0493S	10100	瓶
20	熱活化核酸聚合酵素 Q5 Hot Start High-Fidelity DNA Polymerase	500 units	NEB	#M0493L	40400	瓶
21	核酸聚合酵素 Q5 High-Fidelity DNA Polymerase	100 units	NEB	#M0491S	7400	瓶
22	核酸聚合酵素 Q5 High-Fidelity DNA Polymerase	500 units	NEB	#M0491L	29600	瓶
23	限制酵素 Nt.BspQI	1,000 units	NEB	#R0644S	4850	瓶
24	限制酵素 Nb.BbvCI	1,000 units	NEB	#R0631S	5000	瓶
25	限制酵素 Nb.BsmI	1,000 units	NEB	#R0706S	5050	瓶
26	限制酵素 Nb.BsrDI	1,000 units	NEB	#R0648S	4850	瓶
27	限制酵素 Nb.BssSI	1,000 units	NEB	#R0681S	4850	瓶
28	限制酵素 EcoRI	50,000 units	NEB	#R0101L	9000	瓶
29	限制酵素 EcoRV	20,000 units	NEB	#R0195L	16500	瓶
30	CpG Methyltransferase (M.SssI)	100 units	NEB	#M0226S	4750	瓶
31	Taq DNA Polymerase with ThermoPol Buffer	400 units	NEB	#M0267S	2900	瓶
32	Taq DNA Ligase	2,000 units	NEB	#M0208S	5500	瓶
33	ThermoPol Reaction Buffer Pack	6 ml (4 x 1.5 ml)	NEB	#B9004S	2100	包
34	β -Nicotinamide adenine dinucleotide (NAD ⁺)	0.2 ml	NEB	#B9007S	2750	包
35	EpiMark Methylated DNA Enrichment Kit	25 rxns	NEB	#E2600S	30800	組
36	EpiMark Bisulfite Conversion Kit	48 rxns	NEB	#E3318S	11400	組
37	6-tube Magnetic Separation Rack	6-tubes	NEB	#S1506S	13500	瓶
38	Taq DNA Polymerase with Standard Taq Buffer	400 units	NEB	#M0273S	2900	瓶
39	Deoxynucleotide Solution Mix	8 μ mol x 4(each)	NEB	#N0447S	4350	瓶
40	2-Log DNA Ladder (0.1-10.0 kb)	500 gel lanes	NEB	#N3200L	15000	瓶
41	1 kb DNA Ladder	1,000 gel lanes	NEB	#N3232L	15000	瓶
42	λ DNA-HindIII Digest	750 gel lanes	NEB	#N3012L	19000	瓶
43	自動核酸純化試劑組 LabTurbo DNA Mini Kit(500 ul)	480 reactions	TAIGEN	TA68-LGD480-500	75000	組
44	自動核酸純化試劑組 LabTurbo DNA Mini Kit(1000 ul)	480 reactions	TAIGEN	TA68-LGD480-1000	130000	組
45	核酸純化試劑組 LabPrep Tissue DNA Mini Kit(100)	100 reactions	TAIGEN	TA68-LPGD-T100	8700	組
46	病毒核酸純化試劑組 LabPrep Virus Mini Kit(100)	100 reactions	TAIGEN	TA68-LPVX100	12400	組
47	定量核酸增強反應試劑組 LabStar SYBR qPCR Kit(200)	200 reactions	TAIGEN	TA68-LS2001	5000	組
48	自動化濾膜吸管組 1100 ul filter tips(4800 tips)	4800 tips	TAIGEN	TA68-S0550	30000	箱
49	自動化濾膜吸管組 300 ul filter tips(4800 tips)	4800 tips	TAIGEN	TA68-S0950	33500	箱
50	NEBNext Direct BRCA1/BRCA2 Panel	8 rxn	NEB	E6627S	43200	組
51	NEBNext Direct Cancer HotSpot Panel	8 rxn	NEB	E7000S	94200	組
52	NEBNext dA-Tailing Module	20 rxn	NEB	E6053S	7000	組
53	NEBNext dsDNA Fragmentase	50 rxn	NEB	M0348S	7000	瓶
54	NEBNext End Repair Module	20 rxn	NEB	E6050S	6000	組
55	NEBNext Magnesium RNA Fragmentation Module	200 rxn	NEB	E6150S	3400	組
56	NEBNext Poly(A) mRNA Magnetic Isolation Module	24 rxn	NEB	E7490S	5000	組
57	NEBNext Quick Ligation Module	20 rxn	NEB	E6056S	21000	組
58	NEBNext® Ultra™ End Repair/dA-Tailing Module	24 rxn	NEB	E7442S	15400	組
59	NEBNext® Ultra™ II Directional RNA Second Strand Synthesis Module	24 rxn	NEB	E7550S	27000	組
60	NEBNext® Ultra™ II End Repair/dA-Tailing Module	24 rxn	NEB	E7546S	16800	組
61	NEBNext® Ultra™ Ligation Module	24 rxn	NEB	E7445S	24600	組
62	NEBNext FFPE DNA Repair Mix	24rxn	NEB	M6630S	11200	組
63	NEBNext Microbiome DNA Enrichment Kit	6 rxn	NEB	E2612S	15000	組
64	NEBNext RNA Depletion Kit (Human/Mouse/Rat) with RNA Sample Purification Beads	6rxn	NEB	E6350S	23100	組
65	NEBNext RNA Depletion Kit(Human/Mouse/Rat)	6 rxn	NEB	E6310S	22600	組
66	NEBNext single Cell/Low Input cDNA Synthesis& Amplification Module	24 rxn	NEB	E6421S	44200	組
67	NEBNext Ultra II Non-Directional RNA Second Strand Synthesis Module	20 rxn	NEB	E6111S	20500	組
68	NEBNext® Ultra™ II Directional RNA Library Prep with Sample Purification Beads	24 rxn	NEB	E7765S	69600	組
69	NEBNext® Ultra™ II DNA Library Prep with Sample Purification Beads	24 rxn	NEB	E7103S	43800	組
70	NEBNext® Ultra™ II FS DNA Library Prep with Sample Purification	24 rxn	NEB	E6177S	47400	組
71	NEBNext® Ultra™ II FS DNA Module	24 rxn	NEB	E7810S	18600	組
72	NEBNext® Ultra™ II RNA First Strand Synthesis Module	24 rxn	NEB	E7771S	10500	組
73	NEBNext® Ultra™ II RNA Library Prep with Sample Purification Beads	24 rxn	NEB	E7775S	66300	組
74	Blunt/TA Ligase Master Mix	50 rxn	NEB	M0367S	6600	瓶
75	5-hydroxymethyluridine DNA Kinase	200units	NEB	M0659S	4700	瓶
76	Alkaline Phosphatase, Calf Intestinal (CIP)	1000units	NEB	M0290S	4600	瓶
77	AluI Methyltransferase	100units	NEB	M0220S	5100	瓶
78	Antarctic Phosphatase	1000units	NEB	M0289S	4600	瓶
79	Antarctic Phosphatase Reaction Buffer	6ml	NEB	B0289S	3000	包

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80	Antarctic Thermolabile UDG	100units	NEB	M0372S	5100	瓶
81	EnGen Spy Cas9 NLS	400pmol	NEB	M0646T	9900	瓶
82	Cas9 Nuclease, . pyogenes	70pmol	NEB	M0386S	3400	瓶
83	DNA Polymerase I (E. coli)	500 units	NEB	M0209S	4500	瓶
84	DNase I (RNase-free)	1000units	NEB	M0303S	4700	瓶
85	DNase I Reaction Buffer	6ml	NEB	B0303S	2600	包
86	EnGen Mutation Detection Kit	25rxn	NEB	E3321S	13800	組
87	Lambda Exonuclease	1000units	NEB	M0262S	4600	瓶
88	Nucleoside Digestion Mix	200 units	NEB	M0649S	7800	瓶
89	PreCR Repair Mix	30 rxn	NEB	M0309S	10400	瓶
90	Pyrophosphatase, Inorganic (E. coli)	10 units	NEB	M0361S	4700	瓶
91	Pyrophosphatase, Inorganic (yeast)	10 units	NEB	M2403S	4500	瓶
92	Quick Blunting™ and Quick Ligation™ Kits	30 rxn	NEB	E0542S	11100	組
93	Quick Dephosphorylation Kit	100 rxn	NEB	M0508S	4500	瓶
94	Quick Ligation™ Kit	30 rxn	NEB	M2200S	6600	組
95	RecA	200 ug	NEB	M0249S	4700	瓶
96	SplintR Ligase	1250 units	NEB	M0375S	6200	瓶
97	Streptavidin	1 mg	NEB	N7021S	4700	瓶
98	T4 DNA Ligase	20000 units	NEB	M0202S	4200	瓶
99	T4 DNA Ligase Reaction Buffer	6 ml	NEB	B0202S	2650	包
100	Taq DNA Ligase	2000 units	NEB	M0208S	5400	瓶
101	Taq DNA Ligase Reaction Buffer	6 ml	NEB	B0208S	2650	包
102	Terminal Transferase	500 units	NEB	M0315S	4700	瓶
103	Therminator™ DNA Polymerase	200 units	NEB	M0261S	6600	瓶
104	Thermolabile Exonuclease I	3000 units	NEB	M0568S	4950	瓶
105	Thermolabile USER I Enzyme	50 units	NEB	M5508S	6500	瓶
106	Thermostable 5' App DNA/RNA Ligase	10 rxn	NEB	M0319S	4500	瓶
107	Thermostable Inorganic Pyrophosphatase	250 units	NEB	M0296S	4800	瓶
108	Uracil Glycosylase Inhibitor (UGI)	200 units	NEB	M0281S	4800	瓶
109	Uracil-DNA Glycosylase (UDG)	200 units	NEB	M0279S	4950	瓶
110	5-methyl-dCTP	1 umol	NEB	N0356S	4700	瓶
111	7-deaza-dGTP	0.3 umol	NEB	N0445S	4800	瓶
112	Adenosine 5'-Triphosphate (ATP)	1ml	NEB	P0756S	2400	瓶
113	Bst 2.0 DNA Polymerase	1600 units	NEB	M0537S	4600	瓶
114	Bst 2.0 WarmStart DNA Polymerase	1600 units	NEB	M0538S	5050	瓶
115	Bst 3.0 DNA Polymerase	1600 units	NEB	M0374S	4600	瓶
116	Bst DNA Polymerase, Full Length	500 units	NEB	M0328S	4700	瓶
117	Bst DNA Polymerase, Large Fragment	1600 units	NEB	M0275S	4600	瓶
118	Bsu DNA Polymerase, Large Fragment	200 units	NEB	M0330S	4400	瓶
119	dATP Solution	25 umol	NEB	N0440S	3550	瓶
120	Deep Vent (exo-) DNA Polymerase	200 units	NEB	M0259S	6600	瓶
121	Deep Vent DNA Polymerase	200 units	NEB	M0258S	6600	瓶
122	Deoxynucleotide (dNTP) Solution Mix	8 umol	NEB	N0447S	4200	瓶
123	Deoxynucleotide (dNTP) Solution Set	25 umol	NEB	N0446S	12000	瓶
124	DNA Polymerase I, Large (Klenow) Fragment	200 units	NEB	M0210S	4000	瓶
125	EpiMark Hot Start Taq DNA Polymerase	100 rxn	NEB	M0490S	4400	瓶
126	Hemo KlenTaq	200 rxn	NEB	M0332S	7000	瓶
127	Hot Start Taq 2X Master Mix	100 rxn	NEB	M0496S	4600	瓶
128	Hot Start Taq DNA Polymerase	200 units	NEB	M0495S	5100	瓶
129	Isothermal Amplification Buffer II Pack	6ml	NEB	B0374S	2650	支
130	Isothermal Amplification Buffer Pack	6ml	NEB	B0537S	2650	包
131	Klenow Fragment (3'→5' exo-)	200 units	NEB	M0212S	4000	瓶
132	LongAmp Hot Start Taq 2X Master Mix	100 rxn	NEB	M0533S	11300	瓶
133	LongAmp Hot Start Taq DNA Polymerase	500 units	NEB	M0534S	7200	瓶
134	LongAmp Taq 2X Master Mix	100 rxn	NEB	M0287S	8700	瓶
135	LongAmp Taq DNA Polymerase	500 units	NEB	M0323S	5650	瓶
136	LongAmp Taq PCR Kit	100 rxn	NEB	E5200S	7800	組
137	Magnesium Chloride (MgCl2) Solution	6ml	NEB	B9021S	2400	包
138	Magnesium Sulfate (MgSO4) Solution	6ml	NEB	B1003S	1800	包
139	Multiplex PCR 5X Master Mix	100 rxn	NEB	M0284S	15400	瓶
140	NEBNext High-Fidelity 2X PCR Master Mix	50 rxn	NEB	M0541S	6300	瓶
141	NEBNext Q5 Hot Start HiFi PCR Master Mix	50 rxn	NEB	M0543S	6300	瓶
142	NEBNext® Ultra™ II Q5® Master Mix	50 rxn	NEB	M0544S	6800	組
143	phi29 DNA Polymerase	250 units	NEB	M0269S	3800	瓶
144	ProtoScript First Strand cDNA Synthesis Kit	30 rxn	NEB	E6300S	11100	組
145	ProtoScript II First Strand cDNA Synthesis Kit	30 rxn	NEB	E6560S	11100	組
146	ProtoScript II Reverse Transcriptase	4000 units	NEB	M0368S	5900	瓶
147	Q5 High-Fidelity 2X Master Mix	100 rxn	NEB	M0492S	12400	瓶
148	Q5 High-Fidelity PCR Kit	50 rxn	NEB	E0555S	7200	組
149	Q5 Hot Start High-Fidelity 2X Master Mix	100 rxn	NEB	M0494S	15000	瓶
150	Q5 Reaction Buffer Pack	6ml	NEB	B9027S	2650	包
151	Quick Blunting™ Kit	20 rxn	NEB	E1201S	5800	組
152	Quick-Load Taq 2X Master Mix	500 rxn	NEB	M0271L	16000	瓶
153	Random Primer 9	1.0 A 260units	NEB	S1254S	6400	瓶
154	Ribonucleotide Solution Mix	8 umol	NEB	N0466S	4800	瓶
155	Ribonucleotide Solution Set	10 umol	NEB	N0450S	4700	瓶
156	RNase H	250 units	NEB	M0297S	4500	瓶
157	RNase Inhibitor, Murine	3000units	NEB	M0314S	4700	瓶
158	StandardTaq(Mg-free) Reaction Buffer Pack	6ml	NEB	B9015S	2650	包
159	Standard Taq Reaction Buffer Pack	6ml	NEB	B9014S	2650	包
160	Sulfolobus DNA Polymerase IV	100 units	NEB	M0327S	7800	瓶
161	Taq 2X Master Mix	500 rxn	NEB	M0270L	9400	瓶
162	Taq 5X Master Mix	500 rxn	NEB	M0285L	9400	瓶
163	Taq CR Kit	200 rxn	NEB	E5000S	7000	組
164	ThermoPol II (Mg-free) Reaction Buffer Pack	6 ml	NEB	B9005S	2650	包
165	Vent (exo-) DNA Polymerase	200 units	NEB	M0257S	4700	瓶

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166	Vent DNA Polymerase	200 units	NEB	M0254S	4800	瓶
167	AMV Reverse Transcriptase	200units	NEB	M0277S	4700	瓶
168	EnGen sgRNA Synthesis Kit, . pvogenes	20rxn	NEB	E3322S	27000	組
169	HiScribe™ T7 Quick High Yield RNA Synthesis Kit	50rxn	NEB	E2040S	15000	組
170	RNase Inhibitor, Human Placenta	2000units	NEB	M0307S	5400	瓶
171	BetaPrion BSE EIA test kit	90 TEST	AJ	847-0104000102	70400	組
172	DraI	2,000 units	NEB	R0129S	4000	瓶
173	NotI	2,500 units	NEB	R0189L	15900	瓶
174	BamHI	50,000 units	NEB	R0136L	18000	瓶
175	HpaII	10,000 units	NEB	R0171L	16800	瓶
176	KpnI	20,000 units	NEB	R0142L	15900	瓶
177	StuI	5,000 units	NEB	R0187L	15200	瓶
178	HindIII	50,000 units	NEB	R0104L	18000	瓶
179	PvuI	2,500 units	NEB	R0150L	18800	瓶
180	PvuII	25,000 units	NEB	R0151L	14700	瓶
181	MspI	25,000 units	NEB	R0106L	15900	瓶
182	MseI	2,500 units	NEB	R0525L	18800	瓶
183	SacI	10,000 units	NEB	R0156L	15900	瓶
184	SalI	10,000 units	NEB	R0138L	15200	瓶
185	Sau3AI	1,000 units	NEB	R0169L	16800	瓶
186	Scal-HF	5,000 units	NEB	R3122L	18300	瓶
187	SpeI	2,500 units	NEB	R0133L	16800	瓶
188	SphI	2,500 units	NEB	R0182L	16800	瓶
189	SspI	5,000 units	NEB	R0132L	16800	瓶
190	XmnI	5,000 units	NEB	R0194L	15900	瓶
191	EcoRI Methyltransferase	10,000 units	NEB	M0211S	4350	瓶
192	BSA, Molecular Biology Grade	12 mg	NEB	B9000S	2650	包
193	EpiMark 5-hmC and 5-mC Analysis Kit	20 reactions	NEB	E3317S	17100	瓶
194	EpiMark Hot Start Taq DNA Polymerase (100 reactions)	100 reactions	NEB	M0490S	4350	瓶
195	EpiMark Hot Start Taq DNA Polymerase (500 reactions)	500 reactions	NEB	M0490L	17300	瓶
196	Human DNA (cytosine-5) Methyltransferase (Dnmt1)	50 units	NEB	M0230S	8050	瓶
197	Nucleoside Digestion Mix	50 reactions	NEB	M0649S	7800	瓶
198	Protein A Magnetic Beads	1 ml	NEB	S1425S	11800	瓶
199	Streptavidin Magnetic Beads	5 ml	NEB	S1420S	19800	瓶
200	T4 Phage β -glucosyltransferase (T4-BGT)	500 units	NEB	M0357S	5800	瓶
201	dam Methyltransferase	500 units	NEB	M0222S	5050	瓶
202	NEBuilder HiFi DNA Assembly Cloning Kit	10 reactions	NEB	E5520S	13800	瓶
203	NEBuilder HiFi DNA Assembly Bundle for Large Fragments	20 reactions	NEB	E2623S	39000	瓶
204	Hpy99I	100Units	NEB	R0615S	4950	瓶
205	Pst I	10000units	NEB	R0140S	4200	瓶
206	Sau96I	1000units	NEB	R0165S	4450	瓶
207	NspI	250units	NEB	R0602S	4950	瓶
208	BclI-HF	3000units	NEB	R3160S	3600	瓶
209	BtgZI	100 units	NEB	R0703S	4800	瓶
210	NarI	500 units	NEB	R0191S	4450	瓶
211	NcoI-HF	1000 units	NEB	R3193S	3600	瓶
212	SapI	250 units	NEB	R0569S	4950	瓶