American MasterTech
scientific laboratory supplies
POST OFFICE BOX 2539 LODI, CALIFORNIA 95241 TELEPHONE: 1 (800) 860 4073 FACSIMILE: 1 (209) 368 4136

2016 MasterTech Stain Kits
Test Yields and Cost Analysis

Assumes Maximum Slides per Run, Maximum Runs per Use. Actual Results May Vary.

		Slide Rail Drop Staining (1/24ml)		Plastic 4-Slide Jar (20ml)					Glass Coplin 8-Slide Jar (30ml)					Hellendahl 16-Slide Jar (40ml)					Glass 30-Slide Dish (250ml)					Autostainer 30-Slide (200ml Bath)					Autostainer 50-Slide (400ml Bath)				
Stain Kit	**Item #**	**Slides**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**
A.F.B. 100 ml Kit	KTAFB			5	5	100	20	$1.24	3	4	90	30	$1.38	2	3	80	40	$1.55		6					5					7			
A.F.B. Pint Kit	KTAFBPT			25	5	500	20	$0.49	16	4	480	30	$0.51	12	3	480	40	$0.51	2	6	375	188	$0.65	2	5	320	160	$0.77	1	7	340	340	$0.72
A.F.B. Liter Kit	KTAFBLT			50	5	1000	20	$0.41	33	4	990	30	$0.42	25	3	1000	40	$0.41	4	6	750	188	$0.55	5	5	800	160	$0.52	2	7	680	340	$0.61
Alcian Blue 1.0pH 100 ml Kit	KTABP1			5	5	100	20	$1.50	3	4	90	30	$1.67	2	3	80	40	$1.88		6					5					7			
Alcian Blue 1.0pH Pint Kit	KTABP1PT			25	5	500	20	$0.67	16	4	480	30	$0.69	12	3	480	40	$0.69	2	6	375	188	$0.89	2	5	320	160	$1.04	1	7	340	340	$0.98
Alcian Blue 2.5pH 100 ml Kit	KTABP2.5			5	5	100	20	$1.54	3	4	90	30	$1.71	2	3	80	40	$1.93		6					5					7			
Alcian Blue 2.5pH Pint Kit	KTABP2.5PT			25	5	500	20	$0.71	16	4	480	30	$0.74	12	3	480	40	$0.74	2	6	375	188	$0.94	2	5	320	160	$1.10	1	7	340	340	$1.04
Alcian Blue 2.5pH Liter Kit	KTABP2.5LT			50	5	1000	20	$0.64	33	4	990	30	$0.64	25	3	1000	40	$0.64	4	6	750	188	$0.85	5	5	800	160	$0.80	2	7	680	340	$0.94
Alcian Blue P.A.S. 100 ml Kit	KTAPA			5	5	100	20	$2.47	3	4	90	30	$2.74	2	3	80	40	$3.09		6					5					7			
Alcian Blue P.A.S. Pint Kit	KTAPAPT			25	5	500	20	$0.97	16	4	480	30	$1.01	12	3	480	40	$1.01	2	6	375	188	$1.29	2	5	320	160	$1.52	1	7	340	340	$1.43
Alcian Blue P.A.S. Liter Kit	KTAPALT			50	5	1000	20	$0.86	33	4	990	30	$0.87	25	3	1000	40	$0.86	4	6	750	188	$1.15	5	5	800	160	$1.08	2	7	680	340	$1.27
Alkaline Congo Red Amyloid 100ml Kit	KTACR			5	2	45	9	$5.04	3	2	41	14	$5.60	2	1	36	18	$6.31		3					2					3			
Alkaline Congo Red Amyloid Pint Kit	KTACRPT			25	2	225	9	$2.02	16	2	216	14	$2.11	12	1	216	18	$2.11	2	3	169	85	$2.70	2	2	144	72	$3.16	1	3	153	153	$2.97
Bielschowsky's Pint Kit	KTBIE			12	1	48	4	$7.88	8	1	64	8	$5.91	6	1	96	16	$3.94	1	1	30	30	$12.60	1	1	30	30	$12.60		1			
Bodian 100 ml Kit	KTBOD			5	1	20	4	$12.10	3	1	24	8	$10.08	2	1	32	16	$7.56		1					1					1			
Brown and Brenn 100 ml Kit	KTBBR			5	2	45	9	$3.76	3	2	41	14	$4.17	2	1	36	18	$4.69		3					2					3			
Brown and Brenn Pint Kit	KTBBRPT			25	2	225	9	$1.46	16	2	216	14	$1.52	12	1	216	18	$1.52	2	3	169	85	$1.94	2	2	144	72	$2.28	1	3	153	153	$2.14
Brown-Hopps Modified 100ml Kit	KTBHG			5	2	45	9	$4.22	3	2	41	14	$4.69	2	1	36	18	$5.28		3					2					3			
Brown-Hopps Modified Pint Kit	KTBHGPT			25	2	225	9	$1.64	16	2	216	14	$1.70	12	1	216	18	$1.70	2	3	169	85	$2.18	2	2	144	72	$2.56	1	3	153	153	$2.41
Carstair's Pint Kit	KTCARPT			25	5	500	20	$0.96	16	4	480	30	$1.00	12	3	480	40	$1.00	2	6	375	188	$1.28	2	5	320	160	$1.50	1	7	340	340	$1.41
C.E.M. 100 ml Kit	KTCEM			5	5	100	20	$1.70	3	4	90	30	$1.89	2	3	80	40	$2.13		6					5					7			
C.E.M. Pint Kit	KTCEMPT			25	5	500	20	$0.72	16	4	480	30	$0.75	12	3	480	40	$0.75	2	6	375	188	$0.95	2	5	320	160	$1.12	1	7	340	340	$1.05
CellMate 100 ml Kit	KTCEL			10	5	200	20	$0.49	6	4	180	30	$0.54	5	3	200	40	$0.49		6					1	5	160	160	$0.61		7			
CellMate Pint Kit	KTCELPT			50	5	1000	20	$0.19	33	4	990	30	$0.19	25	3	1000	40	$0.19	4	6	750	188	$0.25	5	5	800	160	$0.24	2	7	680	340	$0.28
Chandlers Precision Reticulum 100 ml Kit	KTCPR			15	1	60	4	$3.32	10	1	80	8	$2.49	7	1	112	16	$1.78	1	1	30	30	$6.63	1	1	30	30	$6.63		1			
Chandlers Precision Reticulum Pint Kit	KTCPRPT			60	1	240	4	$1.87	40	1	320	8	$1.40	30	1	480	16	$0.93	4	1	120	30	$3.73	6	1	180	30	$2.49	3	1	150	50	$2.99
Chandlers Precision Reticulum Liter Kit	KTCPRLT			120	1	480	4	$1.75	80	1	640	8	$1.31	60	1	960	16	$0.88	9	1	270	30	$3.11	12	1	360	30	$2.33	6	1	300	50	$2.80
Chicago Sky Blue 30ml Kit	KTCSB	714	$0.12																													
Colloidal Iron 100 ml Kit	KTCIR			6	2	54	9	$2.31	4	2	54	14	$2.31	3	1	54	18	$2.31		3					2					3			
Colloidal Iron Pint Kit	KTCIRPT			25	2	225	9	$1.51	16	2	216	14	$1.57	12	1	216	18	$1.57	2	3	169	85	$2.01	2	2	144	72	$2.35	1	3	153	153	$2.22
Congo Red Amyloid 100 ml Kit	KTCRE			25	5	500	20	$0.31	16	4	480	30	$0.33	12	3	480	40	$0.33	2	6	375	188	$0.42	2	5	320	160	$0.49	1	7	340	340	$0.46
Congo Red Amyloid Pint Kit	KTCREPT			50	5	1000	20	$0.30	33	4	990	30	$0.30	25	3	1000	40	$0.30	4	6	750	188	$0.40	5	5	800	160	$0.37	2	7	680	340	$0.44
Congo Red Amyloid Liter Kit	KTCRELT			100	5	2000	20	$0.23	66	4	1980	30	$0.23	50	3	2000	40	$0.23	8	6	1500	188	$0.30	10	5	1600	160	$0.28	5	7	1700	340	$0.26
Dieterle's 100 ml Kit	KTDIE			5	1	20	4	$9.00	3	1	24	8	$7.50	2	1	32	16	$5.63		1					1					1			
Dieterle's Pint Kit	KTDIEPT			25	1	100	4	$3.83	16	1	128	8	$2.99	12	1	192	16	$1.99	2	1	60	30	$6.38	2	1	60	30	$6.38	1	1	50	50	$7.66
Dipp Kwik Pint Kit	KTDKWPT			25	5	500	20	$0.25	16	4	480	30	$0.26	12	3	480	40	$0.26	2	6	375	188	$0.33	2	5	320	160	$0.39	1	7	340	340	$0.37
Dipp Kwik Liter Kit	KTDKWLT			50	5	1000	20	$0.22	33	4	990	30	$0.22	25	3	1000	40	$0.22	4	6	750	188	$0.29	5	5	800	160	$0.27	2	7	680	340	$0.32
Dipp Kwik Gallon Kit	KTDKWGAL			190	5	3800	20	$0.08	126	4	3780	30	$0.08	95	3	3800	40	$0.08	15	6	2813	188	$0.11	19	5	3040	160	$0.10	9	7	3060	340	$0.10
Feulgen 100 ml Kit	KTFEU			25	2	225	9	$0.87	16	2	216	14	$0.90	12	1	216	18	$0.90	2	3	169	85	$1.16	2	2	144	72	$1.35	1	3	153	153	$1.27
Fites 100ml Kit	KTFIT			5	3	66	14	$1.95	3	2	59	20	$2.17	2	2	53	27	$2.44		4					4					4			
Fites Pint Kit	KTFITPT			25	3	330	14	$0.82	16	2	317	20	$0.85	12	2	317	27	$0.85	2	4	248	124	$1.09	2	4	211	106	$1.27	1	4	224	225	$1.20
Fontana Masson 100ml Kit	KTFMA			7	1	28	4	$5.75	5	1	40	8	$4.03	3	1	48	16	$3.35		1					1					1			
Fontana Masson Pint Kit	KTFMAPT			30	1	120	4	$3.14	20	1	160	8	$2.36	15	1	240	16	$1.57	2	1	60	30	$6.28	3	1	90	30	$4.19	1	1	50	50	$7.54
Fontana Masson Liter Kit	KTFMALT			60	1	240	4	$2.88	40	1	320	8	$2.16	30	1	480	16	$1.44	4	1	120	30	$5.75	6	1	180	30	$3.83	3	1	150	50	$4.60
G.M.S. 100 ml Kit	KTGMS			5	1	20	4	$10.10	3	1	24	8	$8.42	2	1	32	16	$6.31		1					1					1			
G.M.S. Stain Pint Kit	KTGMSPT			50	1	200	4	$2.49	33	1	264	8	$1.89	25	1	400	16	$1.25	4	1	120	30	$4.15	5	1	150	30	$3.32	2	1	100	50	$4.98
G.M.S. Stain Liter Kit	KTGMSLT			100	1	400	4	$2.21	66	1	528	8	$1.68	50	1	800	16	$1.11	8	1	240	30	$3.69	10	1	300	30	$2.95	5	1	250	50	$3.54
Genta Triple 100ml Kit, Modified	KTMGT			5	1	20	4	$10.00	3	1	24	8	$8.33	2	1	32	16	$6.25		1					1					1			
Giemsa May-Grunwald Kit	KTGMGPT			6	2	54	9	$3.15	4	2	54	14	$3.15	3	1	54	18	$3.15		3					2					3			
Giemsa Stain Kit with Optimized Giemsa Buffer	KTOGIPT			31	5	620	20	$0.35	20	4	600	30	$0.36	15	3	600	40	$0.36	2	6	375	188	$0.58	3	5	480	160	$0.45	1	7	340	340	$0.64
Goldner's Trichrome Liter Kit	KTGTRLT			33	2	297	9	$2.34	22	2	297	14	$2.34	16	1	288	18	$2.41	2	3	169	85	$4.12	3	2	216	72	$3.22	1	3	153	153	$4.54
Gridley's Fungi 100 ml Kit	KTGRI			5	5	100	20	$3.18	3	4	90	30	$3.53	2	3	80	40	$3.98		6					5					7			
Grimelius Kit, Microwave Modified	KTMMG			5	1	20	4	$9.45	3	1	24	8	$7.88	2	1	32	16	$5.91		1					1					1			
H&E Stain Kit	KTHNEPT			25	5	500	20	$0.44	16	4	480	30	$0.46	12	3	480	40	$0.46	2	6	375	188	$0.58	2	5	320	160	$0.68	1	7	340	340	$0.64
Hall's Bile 100 ml Kit	KTHBI	2380	$0.04	5	5	100	20	$1.05	3	4	90	30	$1.17	2	3	80	40	$1.31		6					5					7			
Hall's Bile Pint Kit	KTHBIPT	11904	$0.02	25	5	500	20	$0.42	16	4	480	30	$0.44	12	3	480	40	$0.44	2	6	375	188	$0.57	2	5	320	160	$0.66	1	7	340	340	$0.62
Heidenhain's Aniline Blue-Azan 100 ml Kit	KTHEI			10	3	132	14	$1.80	6	2	119	20	$1.99	5	2	132	27	$1.80		4					1	4	106	106	$2.24		4			
HelicoStat 100 ml Kit	KTHST			5	3	66	14	$3.05	3	2	59	20	$3.38	2	2	53	27	$3.81		4					4					4			
HelicoStat Pint Kit	KTHSTPT			25	3	330	14	$1.16	16	2	317	20	$1.21	12	2	317	27	$1.21	2	4	248	124	$1.55	2	4	211	106	$1.81	1	4	224	225	$1.71
HelicoStat Liter Kit	KTHSTLT			50	3	660	14	$1.06	33	2	653	20	$1.07	25	2	660	27	$1.06	4	4	495	124	$1.41	5	4	528	106	$1.33	2	4	449	225	$1.56
Hepatitis B 100 ml Kit	KTHEP			5	3	66	14	$4.27	3	2	59	20	$4.75	2	2	53	27	$5.34		4					4					4			
Hepatitis B Pint Kit	KTHEPPT			25	3	330	14	$2.11	16	2	317	20	$2.19	12	2	317	27	$2.19	2	4	248	124	$2.81	2	4	211	106	$3.29	1	4	224	225	$3.10
Herovici's Collagen 100ml Kit	KTHER			5	2	45	9	$3.31	3	2	41	14	$3.68	2	1	36	18	$4.14		3					2					3			

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		Slide Rail Drop Staining (1/24ml)		Plastic 4-Slide Jar (20ml)					Glass Coplin 8-Slide Jar (30ml)					Hellendahl 16-Slide Jar (40ml)					Glass 30-Slide Dish (250ml)					Autostainer 30-Slide (200ml Bath)					Autostainer 50-Slide (400ml Bath)				
Stain Kit	**Item #**	**Slides**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**
Herovici's Collagen Pint Kit	KTHERPT			25	2	225	9	$1.36	16	2	216	14	$1.42	12	1	216	18	$1.42	2	3	169	85	$1.81	2	2	144	72	$2.13	1	3	153	153	$2.00
Iron 100 ml Kit	KTIRO			5	5	100	20	$1.24	3	4	90	30	$1.38	2	3	80	40	$1.55		6					5					7			
Iron Pint Kit	KTIROPT			25	5	500	20	$0.53	16	4	480	30	$0.56	12	3	480	40	$0.56	2	6	375	188	$0.71	2	5	320	160	$0.83	1	7	340	340	$0.79
Iron Liter Kit	KTIROLT			50	5	1000	20	$0.50	33	4	990	30	$0.50	25	3	1000	40	$0.50	4	6	750	188	$0.66	5	5	800	160	$0.62	2	7	680	340	$0.73
Iron Gallon Kit	KTIROGAL			190	5	3800	20	$0.42	126	4	3780	30	$0.42	95	3	3800	40	$0.42	15	6	2813	188	$0.57	19	5	3040	160	$0.52	9	7	3060	340	$0.52
Jones Basement Membrane 100ml Kit	KTJON			15	1	60	4	$5.38	10	1	80	8	$4.04	7	1	112	16	$2.88	1	1	30	30	$10.77	1	1	30	30	$10.77		1			
Jones Basement Membrane Pint Kit	KTJONPT			30	1	120	4	$3.92	20	1	160	8	$2.94	15	1	240	16	$1.96	2	1	60	30	$7.83	3	1	90	30	$5.22	1	1	50	50	$9.40
Luxol Fast Blue 100 ml Kit	KTLFB			5	3	66	14	$2.42	3	2	59	20	$2.69	2	2	53	27	$3.03		4					4					4			
Luxol Fast Blue Pint Kit	KTLFPPT			25	3	330	14	$0.96	16	2	317	20	$1.00	12	2	317	27	$1.00	2	4	248	124	$1.28	2	4	211	106	$1.50	1	4	224	225	$1.41
Mallory's Trichrome 100 ml Kit	KTMAL			5	2	45	9	$4.00	3	2	41	14	$4.44	2	1	36	18	$5.00		3					2					3			
Mallory's Trichrome Pint Kit	KTMALPT			25	5	500	20	$0.69	16	4	480	30	$0.71	12	3	480	40	$0.71	2	6	375	188	$0.91	2	5	320	160	$1.07	1	7	340	340	$1.01
Masson's Trichrome 100 ml Kit	KTMTR			5	5	100	20	$1.89	3	4	90	30	$2.10	2	3	80	40	$2.36		6					5					7			
Masson's Trichrome Pint Kit	KTMTRPT			25	5	500	20	$0.79	16	4	480	30	$0.82	12	3	480	40	$0.82	2	6	375	188	$1.05	2	5	320	160	$1.23	1	7	340	340	$1.16
Masson's Trichrome Liter Kit	KTMTRLT			50	5	1000	20	$0.60	33	4	990	30	$0.61	25	3	1000	40	$0.60	4	6	750	188	$0.80	5	5	800	160	$0.75	2	7	680	340	$0.88
Masson's Trichrome 2000 100 ml Kit	KTMTR2			5	5	100	20	$2.03	3	4	90	30	$2.26	2	3	80	40	$2.54		6					5					7			
Masson's Trichrome 2000 Pint Kit	KTMTR2PT			25	5	500	20	$0.84	16	4	480	30	$0.88	12	3	480	40	$0.88	2	6	375	188	$1.12	2	5	320	160	$1.31	1	7	340	340	$1.24
Masson's Trichrome 2000 Liter Kit	KTMTR2LT			50	5	1000	20	$0.73	33	4	990	30	$0.73	25	3	1000	40	$0.73	4	6	750	188	$0.97	5	5	800	160	$0.91	2	7	680	340	$1.07
McDonalds Gram 100 ml Kit	KTMGS			5	2	45	9	$2.67	3	2	41	14	$2.96	2	1	36	18	$3.33		3					2					3			
McDonalds Gram Pint Kit	KTMGSPT			25	2	225	9	$1.11	16	2	216	14	$1.16	12	1	216	18	$1.16	2	3	169	85	$1.48	2	2	144	72	$1.74	1	3	153	153	$1.63
McDonalds Gram Liter Kit	KTMGSLT			50	2	450	9	$1.03	33	2	446	14	$1.04	25	1	450	18	$1.03	4	3	338	85	$1.38	5	2	360	72	$1.29	2	3	306	153	$1.52
Melanin Bleach 100ml Kit	KTMBK	2380	$0.04	5	5	100	20	$0.85	3	4	90	30	$0.94	2	3	80	40	$1.06		6					5					7			
Microwave Copper 100 ml Kit	KTMCO			50	5	1000	20	$0.18	33	4	990	30	$0.18	25	3	1000	40	$0.18	4	6	750	188	$0.23	5	5	800	160	$0.22	2	7	680	340	$0.26
Microwave Copper Pint Kit	KTMCOPT			100	5	2000	20	$0.16	66	4	1980	30	$0.16	50	3	2000	40	$0.16	8	6	1500	188	$0.22	10	5	1600	160	$0.20	5	7	1700	340	$0.19
Microwave Copper Liter Kit	KTMCOLT			200	5	4000	20	$0.15	133	4	3990	30	$0.15	100	3	4000	40	$0.15	16	6	3000	188	$0.20	20	5	3200	160	$0.18	10	7	3400	340	$0.17
Muci-Plus 100 ml Kit	KTMPL			5	5	100	20	$1.57	3	4	90	30	$1.74	2	3	80	40	$1.96		6					5					7			
Muci-Plus Pint Kit	KTMPLPT			25	5	500	20	$0.69	16	4	480	30	$0.71	12	3	480	40	$0.71	2	6	375	188	$0.91	2	5	320	160	$1.07	1	7	340	340	$1.01
Oil Red O 100 ml Kit	KTORO			5	5	100	20	$1.44	3	4	90	30	$1.60	2	3	80	40	$1.80		6					5					7			
Oil Red O Pint Kit	KTOROPT			25	5	500	20	$0.63	16	4	480	30	$0.65	12	3	480	40	$0.65	2	6	375	188	$0.83	2	5	320	160	$0.98	1	7	340	340	$0.92
Oil Red O Liter Kit	KTOROLT			50	5	1000	20	$0.55	33	4	990	30	$0.56	25	3	1000	40	$0.55	4	6	750	188	$0.74	5	5	800	160	$0.69	2	7	680	340	$0.81
One Step Trichrome Blue & Red Pint Kit	KTTRBPT			25	5	500	20	$0.41	16	4	480	30	$0.43	12	3	480	40	$0.43	2	6	375	188	$0.54	2	5	320	160	$0.64	1	7	340	340	$0.60
One Step Trichrome Blue & Red Liter Kit	KTTRBLT			50	5	1000	20	$0.37	33	4	990	30	$0.38	25	3	1000	40	$0.37	4	6	750	188	$0.50	5	5	800	160	$0.47	2	7	680	340	$0.55
One Step Trichrome Blue & Red Gallon Kit	KTTRBGAL			190	5	3800	20	$0.28	126	4	3780	30	$0.28	95	3	3800	40	$0.28	15	6	2813	188	$0.37	19	5	3040	160	$0.35	9	7	3060	340	$0.34
One Step Trichrome Green & Red Pint Kit	KTTRGPT			25	5	500	20	$0.44	16	4	480	30	$0.46	12	3	480	40	$0.46	2	6	375	188	$0.59	2	5	320	160	$0.69	1	7	340	340	$0.65
One Step Trichrome Green & Red Liter Kit	KTTRGLT			50	5	1000	20	$0.41	33	4	990	30	$0.41	25	3	1000	40	$0.41	4	6	750	188	$0.54	5	5	800	160	$0.51	2	7	680	340	$0.60
One Step Trichrome Green & Red Gallon Kit	KTTRGGAL			190	5	3800	20	$0.33	126	4	3780	30	$0.33	95	3	3800	40	$0.33	15	6	2813	188	$0.44	19	5	3040	160	$0.41	9	7	3060	340	$0.40
Papanicolaou (PAP) Pint Kit	KTPAPPT			25	5	500	20	$0.25	16	4	480	30	$0.26	12	3	480	40	$0.26	2	6	375	188	$0.34	2	5	320	160	$0.40	1	7	340	340	$0.37
Papanicolaou (PAP) Pint Kit	KTPAPLT			25	5	500	20	$0.44	16	4	480	30	$0.46	12	3	480	40	$0.46	2	6	375	188	$0.59	2	5	320	160	$0.69	1	7	340	340	$0.65
P.A.S. 100 ml Kit	KTPAS			5	5	100	20	$1.70	3	4	90	30	$1.89	2	3	80	40	$2.13		6					5					7			
P.A.S. Pint Kit	KTPASPT			25	5	500	20	$0.68	16	4	480	30	$0.71	12	3	480	40	$0.71	2	6	375	188	$0.91	2	5	320	160	$1.06	1	7	340	340	$1.00
P.A.S. Liter Kit	KTPASLT			50	5	1000	20	$0.59	33	4	990	30	$0.60	25	3	1000	40	$0.59	4	6	750	188	$0.79	5	5	800	160	$0.74	2	7	680	340	$0.87
P.A.S. Gallon Kit	KTPASGAL			190	5	3800	20	$0.42	126	4	3780	30	$0.42	95	3	3800	40	$0.42	15	6	2813	188	$0.56	19	5	3040	160	$0.52	9	7	3060	340	$0.52
Picro-Sirius Red Stain Kit	KTPSRPT			25	5	500	20	$0.48	16	4	480	30	$0.50	12	3	480	40	$0.50	2	6	375	188	$0.65	2	5	320	160	$0.76	1	7	340	340	$0.71
P.T.A.H. 100 ml Kit	KTPTA			5	2	45	9	$4.44	3	2	41	14	$4.94	2	1	36	18	$5.56		3					2					3			
P.T.A.H. Pint kit	KTPTAPT			25	2	225	9	$1.72	16	2	216	14	$1.80	12	1	216	18	$1.80	2	3	169	85	$2.30	2	2	144	72	$2.69	1	3	153	153	$2.54
Pneumocystis 100 ml Kit	KTPNE			5	5	100	20	$1.13	3	4	90	30	$1.26	2	3	80	40	$1.41		6					5					7			
Pneumocystis Pint Kit	KTPNEPT			25	5	500	20	$0.41	16	4	480	30	$0.43	12	3	480	40	$0.43	2	6	375	188	$0.54	2	5	320	160	$0.64	1	7	340	340	$0.60
Russell-Movat Pentachrome 100 ml Kit	KTRMP			5	2	45	9	$8.18	3	2	41	14	$9.09	2	1	36	18	$10.22		3					2					3			
Russell-Movat Pentachrome Pint Kit	KTRMPPT			25	2	225	9	$3.60	16	2	216	14	$3.75	12	1	216	18	$3.75	2	3	169	85	$4.80	2	2	144	72	$5.63	1	3	153	153	$5.29
Safranin O Cartilage 100ml Kit	KTSFO			5	2	45	9	$3.42	3	2	41	14	$3.80	2	1	36	18	$4.28		3					2					3			
Safranin O Cartilage Pint Kit	KTSFOPT			25	2	225	9	$1.36	16	2	216	14	$1.42	12	1	216	18	$1.42	2	3	169	85	$1.81	2	2	144	72	$2.13	1	3	153	153	$2.00
Sperm Path Collection & Stain Kit	KTSPE	2380	$0.07																													
Steiner 100 ml Kit	KTSTE			5	1	20	4	$10.00	3	1	24	8	$8.33	2	1	32	16	$6.25		1					1					1			
Steiner Pint Kit	KTSTEPT			25	1	100	4	$4.35	16	1	128	8	$3.40	12	1	192	16	$2.27	2	1	60	30	$7.25	2	1	60	30	$7.25	1	1	50	50	$8.70
Steiner Liter Kit	KTSTELT			50	1	200	4	$3.70	33	1	264	8	$2.80	25	1	400	16	$1.85	4	1	120	30	$6.17	5	1	150	30	$4.93	2	1	100	50	$7.40
Sudan Black B 100 ml Kit	KTSBB			12	2	108	9	$2.08	8	2	108	14	$2.08	6	1	108	18	$2.08	1	3	84	85	$2.67	1	2	72	72	$3.13		3			
Sudan Black B Pint Kit	KTSBBPT			25	2	225	9	$1.70	16	2	216	14	$1.77	12	1	216	18	$1.77	2	3	169	85	$2.27	2	2	144	72	$2.66	1	3	153	153	$2.50
Truants Fluoroesant 100 ml Kit, Modified	KTMTF			5	2	45	9	$4.64	3	2	41	14	$5.16	2	1	36	18	$5.81		3					2					3			
Verhoeff's Elastic 100 ml Kit	KTVEL			5	2	45	9	$3.60	3	2	41	14	$4.00	2	1	36	18	$4.50		3					2					3			
Verhoeff's Elastic Pint Kit	KTVELPT			25	2	225	9	$1.49	16	2	216	14	$1.56	12	1	216	18	$1.56	2	3	169	85	$1.99	2	2	144	72	$2.33	1	3	153	153	$2.20
Verhoeff's Elastic Liter Kit	KTVELLT			50	2	450	9	$1.33	33	2	446	14	$1.34	25	1	450	18	$1.33	4	3	338	85	$1.77	5	2	360	72	$1.66	2	3	306	153	$1.95
Von Kossa 100 ml Kit	KTVKO			5	1	20	4	$6.90	3	1	24	8	$5.75	2	1	32	16	$4.31		1					1					1			
Von Kossa Pint Kit	KTVKOPT			25	1	100	4	$3.23	16	1	128	8	$2.52	12	1	192	16	$1.68	2	1	60	30	$5.38	2	1	60	30	$5.38	1	1	50	50	$6.46
Von Kossa Liter Kit	KTVKOLT			50	1	200	4	$2.93	33	1	264	8	$2.22	25	1	400	16	$1.46	4	1	120	30	$4.88	5	1	150	30	$3.90	2	1	100	50	$5.85

American MasterTech
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2016 MasterTech Stain Kits
Test Yields and Cost Analysis

Assumes Maximum Slides per Run, Maximum Runs per Use. Actual Results May Vary.

		Slide Rail Drop Staining (1/24ml)		Plastic 4-Slide Jar (20ml)					Glass Coplin 8-Slide Jar (30ml)					Hellendahl 16-Slide Jar (40ml)					Glass 30-Slide Dish (250ml)					Autostainer 30-Slide (200ml Bath)					Autostainer 50-Slide (400ml Bath)				
Stain Kit	**Item #**	**Slides**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**	**Uses**	**Runs /Use**	**Slides**	**Solution Change (#Slides)**	**Slide Cost**
Warthin-Starry 100 ml Kit	KTWST			6	1	24	4	$7.67	4	1	32	8	$5.75	3	1	48	16	$3.83		1					1				1				
Warthin-Starry Pint Kit	KTWSTPT			32	1	128	4	$3.98	21	1	168	8	$3.04	16	1	256	16	$1.99	2	1	60	30	$8.50	3	1	90	30	$5.67	1	1	50	50	$10.20
Wright-Giemsa Pint Stain Kit	KTWGIPT			50	5	1000	20	$0.17	33	4	990	30	$0.17	25	3	1000	40	$0.17	4	6	750	188	$0.23	5	5	800	160	$0.21	2	7	680	340	$0.25