

## Identifier Numbers Used in Clinical Filing and HDATA ASCII -- Version 12.2k

### Sorted by Acronym

(Note: Not all identifiers are found on a specific screen. This is indicated by "not shown.")

Use the identifiers in the No. column to construct a user-defined clinical file.

These Identifier Numbers apply to V. 12.1m. Identifier Numbers may change in subsequent versions, but symbols will remain the same.

No.	Acronym	Summary Description	Units	Screen Reference
14	ALH	Amplitude of Lateral Head Displacement	μ	Results 2
32	ALH_CHART	ALH Bar Chart	μ	Bar Charts 2
23	ALH_SD	ALH Standard Deviation	μ	Results 2
119	ANALYSIS_NAME	Analysis Setup Name		Analysis Setup Screen
120	APPLY_SORT	Apply Sort		Define Sort Screen
15	BCF	Beat Cross Frequency (beats/second)	Hz	Results 2
33	BCF_CHART	BCF Bar Chart	Hz	Bar Charts 2
24	BCF_SD	BCF Standard Deviation	Hz	Results 2
141	BRIGHT_FIELD	Bright Field		Optics Setup Screen
142	BRIGHTNESS	LED Illumination Intensity		Optics Setup Screen
143	BRIGHTNESS_IDENT	IDENT Illumination Intensity		Optics Setup Screen
94	BULL_DOSES1	Total Number of Doses		Results 1
95	BULL_DOSES2	Progressive Number of Doses		Results 1
90	BULL_E1	Total Volume to Be Added (Dil. Ejac to - Ejac Vol)	ml	not shown
91	BULL_E2	Prog. Volume to Be Added (Dil. Ejac to - Ejac Vol)	ml	not shown
92	BULL_EV1	Total Dilute Ejaculate To	ml	Results 1
93	BULL_EV2	Progressive Dilute Ejaculate To	ml	Results 1
193	BULL_P	Required Progressive Concentration	M/ml	Dose Information Screen
89	BULL_PS	Progressive Sperm/Dose	M	Results 1
192	BULL_T	Required Total Concentration	M/ml	Dose Information Screen
87	BULL_TS	Total Sperm/Dose	M	Results 1
96	BULL_VIABILITY	Viability	%	Results 1 (Animal Breeders)
88	BULL_VP	Progressive Dilute Ejaculate To	ml	Results 1
194	BULL_VS	Dose Volume	ml	Dose Information Screen
86	BULL_VT	Total Dilute Ejaculate To	ml	Results 1
145	CELL_DEPTH	Chamber Depth	μ	Stage Setup Screen
146	CELL_INDEX	Cell Index		not shown
151	CELL_NAME	Chamber Identifier		Stage Setup Screen
147	CELL_POSITION	Stage Position (A)		Stage Setup Screen
148	CELL_POSITION_B	Stage Position B		Stage Setup Screen
149	CELL_POSITION_C	Stage Position C		Stage Setup Screen
150	CELL_POSITION_D	Stage Position D		Stage Setup Screen
123	CONTRAST	Minimum Contrast		Analysis Setup Screen
125	CONTRAST_STATIC	Cell Contrast (Tox Only)		Analysis Setup Screen

No.	Acronym	Summary Description	Units	Screen Reference
2	DATE	Analysis Date/Time		Reference Bar on all screens
4	DATE_IMAGE	Image Date/Time		Results 3
7	DAYLIGHT_SAVINGS	Daylight Savings Time		not shown
114	DENSITY	Density (# Sperm/Gram (other than Tox))	M/g	Results 1
190	DILUTION	Sample:Extender		General Info Screen
18	ELONGATION	Elongation	%	Results 2
36	ELONGATION_CHART	Elongation Bar Chart	%	Bar Charts 2
137	ELONGATION_HIGH	Max Static Elongation Gates		QC Plot by Elongation
136	ELONGATION_LOW	Min Static Elongation Gates		QC Plot by Elongation
27	ELONGATION_SD	Elongation Standard Deviation	%	Results 2
197	EQUINE_CD	Req.Total Conc.	M/ml	Dose Requirements Screen
201	EQUINE_LIMIT	Limit Ratios		
198	EQUINE_PCD	Req.Prog. Conc.	M/ml	Dose Requirements Screen
196	EQUINE_PD	Req. Prog. Cells	Billion	Dose Requirements Screen
104	EQUINE_PDOSES	Prog. Number of Doses		Results 1
98	EQUINE_PEV	Prog. Dilute Ejaculate To	ml	Results 1
200	EQUINE_PROG	Progressive (Check if Used)		Dose Requirements Screen
100	EQUINE_PV	Prog. Dose Volume	ml	Results 1
102	EQUINE_PVD	Prog. Volume Ejac./Dose	ml	Results 1
107	EQUINE_PVDDIL	Prog. Volume Dil./Dose	ml	Results 1
105	EQUINE_SITE	Onsite/Sent		Data Fields Screen
195	EQUINE_TD	Req. Total Cells	Billion	Dose Requirements Screen
103	EQUINE_TDOSES	Total Number of Doses		Results 1
97	EQUINE_TEV	Total Dilute Ejaculate To	ml	Results 1
199	EQUINE_TOTAL	Total Number of Cells (Check if Used)		Dose Requirements Screen
99	EQUINE_TV	Total Dose Volume	ml	Results 1
101	EQUINE_TVD	Total Volume Ejac./Dose	ml	Results 1
106	EQUINE_TVDDIL	Total Volume Dil./Dose	ml	Results 1
9	FIELDS_LIVE	Live Fields		Results 3
10	FIELDS_STATIC	BRIGHT_FIELD		Results 3
121	FRAMES	Frames Acquired		Analysis Setup Screen
140	FREQUENCY	Video Source	Hz	Optics Setup Screen
189	ID	ID		General Info Screen
153	IDENT_MODE	IDENT Fluorescent Option		Stage Setup Screen
154	INTEGRATE_TIME	Integrating Time		not shown
39	INTENSITY	Mean Head Intensity		QC Plots
132	INTENSITY_DEFAULT	Default Cell Intensity		Analysis Setup Screen
135	INTENSITY_HIGH	Max Static Intensity Gate		QC Plots
134	INTENSITY_LOW	Min Static Intensity Gate		QC Plots
219	IVOS_SERIALNO	IVOS Serial Number		Exit Screen
220	IVOS_VERSION	IVOS Version		Exit Screen

No.	Acronym	Summary Description	Units	Screen Reference
221	LED	LED High   Low   Sleep   Start   Stop		not shown
215	LEJA	Leja Chamber Used for Analysis		Results 1
17	LIN	Linearity	%	Results 2
35	LIN_CHART	Linearity Bar Chart	%	Bar Charts 2
26	LIN_SD	Linearity Standard Deviation	%	Results 2
139	MAGNIFICATION	Magnification		Optics Setup Screen
58	MEDIUM_CONC	Medium Velocity Cell Conc	M/ml	Results 2
56	MEDIUM_COUNT	Cells/Medium Statistics		Results 2
59	MEDIUM_PCT	Medium Velocity Cell %	%	Results 2
57	MEDIUM_SAMPLE	Medium Velocity Cell Sample	M	Results 2
124	MINSIZE	Minimum Cell Size	pix	Analysis Setup Screen
218	MORPH_CATEGORY	Morphology Category		Morph Setup Screen
115	MORPH_COUNT	Morphology Count Data		Results 1
216	MORPH_CRITERIA	Minimum Number to Count		Morph Setup Screen
117	MORPH_MOTILE_NORMAL_PC	Motile Normal Percent	%	Results 1
217	MORPH_NAMES	Morphology Codes		Morph Setup Screen
116	MORPH_PERCENT	Morphology Percent Data	%	Morph Setup Screen & Results 1 or 4
46	MOTILE_CONC	Motile Cell Concentration	M/ml	Results 1
44	MOTILE_COUNT	Motile Cell Count		Results 1
47	MOTILE_PCT	Motile Cell %	%	Results 1
45	MOTILE_SAMPLE	Motile Cell Sample	M	Results 1
188	NAME	Name		General Info Screen
209	NOTEPAD_FIELDS	Data Fields		Data Fields Screen
207	NOTEPAD_LABELS	Data Labels		Data Fields Screen
208	NOTEPAD_LINE1	Notes Line 1		Notes Screen
210	NOTEPAD_LINES	Notes Lines		Notes Screen
85	PHOTO_HIGH	High Photometer		
84	PHOTO_LOW	Low Photometer		Optics Setup Screen
203	PIG_A1	Adjustment Factor		Dose Requirements Screen
204	PIG_D	Dose Volume	ml	Dose Requirements Screen
111	PIG_DOSES	Number of Doses		Results 1
109	PIG_E	Volume to Be Added (Extended - Ejaculate Vol.)	ml	not shown
110	PIG_EV	Extend Ejaculate To	ml	Results 1
108	PIG_M	Req. Dose Conc. (Motile Cell Concentration)	Billion/ml	Results 1
202	PIG_N	Total Sperm/Dose	Billion	Results 1 & Dose Requirements Screen
113	PIG_STATUS	Status (Rejected or OK)		Results 1
112	PIG_VIABILITY	Viability	%	Results 1
50	PROGRESSIVE_CONC	Progressive Cell Concentration	M/ml	Results 1
48	PROGRESSIVE_COUNT	Progressive Cell Count		Results 1
51	PROGRESSIVE_PCT	Progressive Cell %		Results 1
49	PROGRESSIVE_SAMPLE	Progressive Cell Sample	M	Results 1

No.	Acronym	Summary Description	Units	Screen Reference
54	RAPID_CONC	Rapid Cell Concentration	M/ml	Results 2
52	RAPID_COUNT	Rapid Cell Count		Results 2
55	RAPID_PCT	Rapid Cell %	%	Results 2
53	RAPID_SAMPLE	Rapid Cell Sample	M	Results 2
205	RAT_GRAMS	Sperm/Gram	M/g	Results 1
122	RATE	Frames per Second	Hz	Analysis Setup Screen
152	SELECT_MODE	Field Selection Mode		Stage Setup Screen
1	SERIAL_NUMBER	Serial Number Assigned to Analysis (by Date/Time)		Reference Bar on all screens
19	SIZE	Area	μ sq	Results 2
37	SIZE_CHART	Area Chart	μ sq	not shown
130	SIZE_DEFAULT	Default Cell Size	pix	Analysis Setup Screen
133	SIZE_HIGH	Max Static Size Gates		QC Plot by Size
132	SIZE_LOW	Min Static Size Gates		QC Plot by Size
38	SIZE_PIXELS	Mean Size	pixels	QC Plot by Size
28	SIZE_SD	Cell Size Standard Deviation	μ sq	Results 2
62	SLOW_CONC	Slow Cell Concentration	M/ml	Results 2
60	SLOW_COUNT	Slow Cell Count		Results 2
138	SLOW_MOTILE	Slow Cell Counted as Motile		Analysis Setup Screen
63	SLOW_PCT	Slow Cell %	%	Results 2
61	SLOW_SAMPLE	Slow Cell Sample	M	Results 2
175	SORT_ALH_ENABLE	Enable ALH Sort		Define Sort Screen
177	SORT_ALH_HIGH	Max ALH Sort Parameters	μ	Define Sort Screen
176	SORT_ALH_LOW	Min ALH Sort Parameters	μ	Define Sort Screen
178	SORT_BCF_ENABLE	Enable BCF Sort		Define Sort Screen
180	SORT_BCF_HIGH	Max BCF Sort Parameters	Hz	Define Sort Screen
179	SORT_BCF_LOW	Min BCF Sort Parameters	Hz	Define Sort Screen
184	SORT_ELONG_ENABLE	Enable Elongation Sort		Define Sort Screen
186	SORT_ELONG_HIGH	Max Elongation Sort Parameters	%	Define Sort Screen
185	SORT_ELONG_LOW	Min Elongation Sort Parameters	%	Define Sort Screen
172	SORT_LIN_ENABLE	Enable Linearity Sort		Define Sort Screen
174	SORT_LIN_HIGH	Max Linearity Sort Parameters	%	Define Sort Screen
173	SORT_LIN_LOW	Min Linearity Sort Parameters	%	Define Sort Screen
156	SORT_NAME	Sort Name		Define Sort Screen
157	SORT_POINTS_ENABLE	Enable Points Sort		Define Sort Screen
159	SORT_POINTS_HIGH	Max Points Sort Parameters		Define Sort Screen
158	SORT_POINTS_LOW	Min Points Sort Parameters		Define Sort Screen
181	SORT_SIZE_ENABLE	Enable Size Sort		Define Sort Screen
183	SORT_SIZE_HIGH	Max Size Sort Parameters	μ sq	Define Sort Screen
182	SORT_SIZE_LOW	Min Size Sort Parameters	μ sq	Define Sort Screen
169	SORT_STR_ENABLE	Enable Straightness Sort		Define Sort Screen
171	SORT_STR_HIGH	Max Straightness Sort Parameters	%	Define Sort Screen

No.	Acronym	Summary Description	Units	Screen Reference
170	SORT_STR_LOW	Min Straightness Sort Parameters	%	Define Sort Screen
160	SORT_VAP_ENABLE	Enable VAP Sort		Define Sort Screen
162	SORT_VAP_HIGH	Max VAP Sort Parameters	μ/s	Define Sort Screen
161	SORT_VAP_LOW	Min VAP Sort Parameters	μ/s	Define Sort Screen
166	SORT_VCL_ENABLE	Enable VCL Sort		Define Sort Screen
168	SORT_VCL_HIGH	Max VCL Sort Parameters	μ/s	Define Sort Screen
167	SORT_VCL_LOW	Min VCL Sort Parameters	μ/s	Define Sort Screen
163	SORT_VSL_ENABLE	Enable VSL Sort		Define Sort Screen
165	SORT_VSL_HIGH	Max VSL Sort Parameters	μ/s	Define Sort Screen
164	SORT_VSL_LOW	Min VSL Sort Parameters	μ/s	Define Sort Screen
70	SORT1_CONC	Output Sort1 Concentration	M/ml	Results 3
68	SORT1_COUNT	Output Sort1 Count		Results 3
71	SORT1_PCT	Output Sort1 %	%	Results 3
69	SORT1_SAMPLE	Output Sort1 Sample	M	Results 3
74	SORT2_CONC	Output Sort2 Concentration	M/ml	Results 3
72	SORT2_COUNT	Output Sort2 Count		Results 3
75	SORT2_PCT	Output Sort2 %	%	Results 3
73	SORT2_SAMPLE	Output Sort2 Sample	M	Results 3
78	SORT3_CONC	Output Sort3 Concentration	M/ml	Results 3
76	SORT3_COUNT	Output Sort3 Count		Results 3
79	SORT3_PCT	Output Sort3 %	%	Results 3
77	SORT3_SAMPLE	Output Sort3 Sample	M	Results 3
128	SPEED_MEDIUM	Prog. Min VAP	μ/s	Analysis Setup Screen
127	SPEED_SLOW	VAP Cutoff	μ/s	Analysis Setup Screen
66	STATIC_CONC	Static Cell Concentration x 2	M/ml	Results 2
64	STATIC_COUNT	Static Cell Count		Results 2
67	STATIC_PCT	Static Cell %	%	Results 2
65	STATIC_SAMPLE	Static Cell Sample	M	Results 2
16	STR	Straightness	%	Results 2
34	STR_CHART	Straightness Bar Chart	%	Bar Charts 2
25	STR_SD	Straightness Standard Deviation	%	Results 2
126	STR_THRESHOLD	Straightness Threshold (STR)	%	Analysis Setup Screen
8	TEMP_ACTUAL	Measured Temperature		Reference Bar on all screens
144	TEMP_SET	Set Temperature		Stage Setup Screen
3	TIME	Analysis Time		Reference Bar on all screens
5	TIME_IMAGE	Image Storage Time		Results 3
6	TIME_ZONE	Time Zone		not shown
206	TISSUE_WEIGHT	Tissue Weight	g	General Info Screen
42	TOTAL_CONC	Total Cell Concentration	M/ml	Results 1
40	TOTAL_COUNT	Total Cell Count		Results 1
43	TOTAL_PCT	Total Cell %	%	Results 1

No.	Acronym	Summary Description	Units	Screen Reference
41	TOTAL_SAMPLE	Total Cell Sample	M	Results 1
155	USE_SETUP_8	Setup 8 Activation for Recalling Digital Images		Analysis Setup Screen
211	USER_FACILITY	User Facility Name		General Info Screen
212	USER_ID	Identification		IVOS or CEROS Logon Screen
213	USER_NAME	Name of User Performed Analysis		Users Setup Screen/Reference Bar
214	USER_NAMEIMAGE	Name of User Who Saved Image		Results 3 & Read Image from File Scree
11	VAP	Path Velocity	μ/s	Results 2
29	VAP_CHART	Path Velocity Bar Chart	μ/s	Bar Charts 1
20	VAP_SD	Path Velocity Standard Deviation	μ/s	Results 2
13	VCL	Track Speed	μ/s	Results 2
31	VCL_CHART	Track Speed Bar Chart	μ/s	Bar Charts 1
22	VCL_SD	Track Speed Standard Deviation	μ/s	Results 2
118	VIABILITY			
82	VIADENT_CONC	Viable Cell Concentration	M/ml	Results 1
80	VIADENT_COUNT	Viable Cell Count	M	Results 1
83	VIADENT_PCT	Viable Cell Percentage	%	Results 1
81	VIADENT_SAMPLE	Viable Cells in Sample	M	Results 1
187	VIDEO_BRIGHTNESS	Illumination Intensity		Results 3
191	VOLUME	Ejaculate Volume	ml	General Info Screen
12	VSL	Progressive Velocity	μ/s	Results 2
30	VSL_CHART	Progressive Velocity Bar Chart	μ/s	Bar Charts 1
21	VSL_SD	Progressive Velocity Standard Deviation	μ/s	Results 2
129	VSL_SLOW	VSL Low Cutoff	μ/s	Analysis Setup Screen
222	XENON	XENON High   Low   Sleep   Start   Stop   Off		not shown