Individual animal clinical chemistry data at birth

Birth	Blood Chem	Sodium	Potassium	Chloride	Bicarbonate	Anion Gap	Urea	Creatine-rb	Calcium	Phosphate	Magnesium-xb	Total Protein	Albumin-bulk	Globulin	A/G	Glucose	AST/P5P	SDH	Alk. Phos.
	Ref Low	134	3.9	94	22	17	10	0.4	8.3	4.2	1.7	7.2	3.2	3.5	0.6	31	53	10	23
	Ref High	145	5.3	105	30	24	25	1	10.4	7.7	2.2	9.4	4.2	5.8	1.2	77	162	50	78
	Units	mEq/L	mEq/L	mEq/L	mEq/L	mEq/L	mg/dL	mg/dL	mg/dL	mg/dL	mEq/L	g/dL	g/dL	g/dL		mg/dL	U/L	U/L	U/L
Controls	**140**	145	5.3	100	21	29	8	2.4	12.4	6.7	2.1	4.2	2.7	1.5	1.8	60	47	4	348
	141	141	5.8	93	27	27	8	2.6	11.8	5.9	2	4.1	2.7	1.4	1.93	58	54	4	418
	135	142	7.8	86	16	48	43	5	15.1	12.3	4.6	4.5	2.4	2.1	1.14	12	386	145	882
	136	134	7.3	93	31	17	11	0.9	10.4	6.7	1.7	5.8	2.5	3.3	0.76	87	162	<2	229
	137	141	8.5	99	15	36	25	2.5	13.9	13.3	3	4.6	3.2	1.4	2.29	182	182	211	379
	138	140	6.2	96	28	22	10	1.4	11.5	6.9	2	4.7	2.5	2.2	1.14	75	109	<2	840
	139	142	7.2	101	24	24	13	2.2	11.5	7.3	1.8	4	2.7	1.3	2.08	66	63	<2	126
	186	138	9.6	97	28	23	8	1.5	11.6	8.4	2.3	5.4	2.6	2.8	0.93	73	123	4	628
	187	138	6.5	94	28	23	10	1.7	11.2	7.8	2.3	5.7	2.4	3.3	0.73	69	137	4	1415
	188	140	8.3	95	19	34	10	2.6	12.9	9.9	2.2	4.3	2.8	1.5	1.87	248	76	6	564
	189	141	5.8	100	24	23	9	0.6	11.2	5.8	1.5	6.3	2.3	4	0.58	60	66	5	136
	190	144	6.2	101	25	24	30	1.2	11.8	9.1	2.4	6.3	2.8	3.5	0.8	65	53	0	143
	191	146	6.4	103	24	25	12	0.8	11.1	8.3	1.8	5.2	2.8	2.4	1.17	84	79	3	343
	192	142	6.7	98	26	25	5	0.9	11.4	8.1	1.5	4.5	2.6	1.9	1.37	81	72	10	225
	193	138	7.2	97	29	19	15	1.8	10.6	7.8	2	5.3	2.5	2.8	0.89	44	166	6	707
	194	140	6.5	99	27	21	10	1.7	11.3	7.4	1.9	5	2.4	2.6	0.92	60	170	2	487
	195	140	5.6	98	22	26	25	1.5	12.6	7.2	1.8	4.3	2.8	1.5	1.87	17	51	21	103
Clones	**43**	146	7.1	104	27	22	16	1.4	13	7.9	1.9	4.5	2.8	1.7	1.65	98	46	4	154
	71	140	6	99	25	22	17	2.1	12.8	7.2	1.9	4.2	2.5	1.7	1.47	7	18	3	215
	72	142	5.8	100	26	22	17	1.9	12.8	6.8	1.9	4.2	2.5	1.7	1.47	25	15	<2	214
	73	142	5.7	101	24	23	20	3.1	12.5	8.2	2	4.1	2.6	1.5	1.73	12	22	3	241
	75	143	5.5	97	21	31	20	2.2	13.3	8	2	4.4	2.6	1.8	1.44	5	15	4	204
	78	143	5.4	100	19	29	13	2.4	13.3	7.9	2	4.4	2.6	1.8	1.44	10	15	<2	355
	79	141	5.5	98	22	27	17	3.3	13.2	7.8	2.1	4.5	2.8	1.7	1.65	17	40	5	323
	80	149	5.7	101	19	35	13	2.5	13.5	8.5	2	4.5	2.9	1.6	1.81	69	22	6	372
	119	138	5.9	90	25	29	15	3.5	12.8	6	2.6	5.1	3	2.1	1.43	30	150	13	798
	132	139	5.4	94	27	23	17	1.7	12.6	7.3	2	4.4	2.9	1.5	1.93	42	17	3	378

Birth	Blood Chem	GGT	Total Bilirubin	Dir. Bilirubin	Ind. Bilirubin	Amylase	Cholesterol	CK	Iron	TIBC	% Saturation	hBA-random	Lipemia	Hemolysis	Icterus	IGF-1	Estradiol
	Ref Low	11	0	0	0		73	77	113	362	28	9				34.7	10
	Ref High	39	0.1	0	0.1		280	265	226	533	48	455				472.27	40
	Units	U/L	mg/dL	mg/dL	mg/dL	U/L	mg/dL	U/L	ug/dL	ug/dL	%	umol/L				ng/ml	pg/ml
Controls	**140**	21	0.3	0.1	0.2	53	22	331	136	421	32		16	39	0	203.57	29.3
	141	21	0.6	0.1	0.5	48	26	551	156	375	42	12	15	43	1	137.4	52.73
	135	691	0.8	0.2	0.6	40	20	11033	54	373	14	54.3	9	20	1	0.065	59.44
	136	1217	1.7	0.1	1.6	31	37	731	70	450	16	18.1	22	53	2	nes	27.66
	137	12	0.1	0.1	0	68	15	559	148	473	31	58.5	17	44	0	113.51	103.76
	138	1413	1	0.1	0.9	29	34	501	88	365	24	10.5	21	117	1	141.01	17.33
	139	8	1	0.1	0.9	19	28	356	104	367	28	13.7	21	75	1	87.77	25.5
	186	1012	0.3	0.1	0.2	24	24	379	53	397	13	9.5	25	55	0	145.61	28.53
	187	1829	0.9	0.1	0.8	39	27	768	82	392	21	12.7	5	66	1	57.12	33.99
	188	19	0.1	0.1	0	14	25	1209	57	411	14	16.2	0	114	1	3.07	37.99
	189	893	1.5	0.1	1.4	62	59	111	24	378	6	26.3	15	22	2	6.75	6.14
	190	391	0.8	0.1	0.7	60	37	65	29	411	7	7.6	16	35	1	11.79	9.81
	191	268	1.7	0.1	1.6	62	47	462	60	536	11	10	0	162	3	41.82	20.58
	192	383	0.9	0.1	0.8	33	45	87	44	348	13	21.7	2	15	1	16.69	6.18
	193	3213	1	0.2	0.8	48	44	513	47	354	13	15.2	21	251	1	127.94	18.79
	194	1623	1.2	0.1	1.1	42	29	929	48	337	14	16.6	26	33	2	29.67	42.88
	195	5	0.9	0.1	0.8	49	27	637	79	376	21	28.2	7	20	1	6.89	50.45
Clones	**43**	<3	0.2	0.1	0.1	33	10	125	48	532	9	0	0	293	0	92.06	46.04
	71	3	0.9	0.1	0.8	20	14	209	66	314	21	5	13	24	1	106.85	61.51
	72	3	0.7	0.1	0.6	20	14	61	65	318	20	2.4	13	29	1		44.54
	73	<3	0.4	0.1	0.3	14	11	106	52	264	20	2	10	122	0	128.66	48.06
	75	<3	0.2	0.1	0.1	15	12	118	33	342	10	1.1	25	7	0	71.67	23.34
	78	<3	0.3	0.1	0.2	28	16	179	112	331	34	8.2	20	21	0	97.68	35.42
	79	5	0.3	0.2	0.1		24	201	38	312	12	3.3	8	19	0	82.2	17.16
	80	6	0.1	0.1	0		18	186	164	343	48	12.3	0	13	0	149.44	27.38
	119	845	0.4	0.2	0.2	59	18	711	93	509	18	15.9	14	5	0	187.12	
	132	5	0.3	0.1	0.2	35	12	91	163	383	43		22	28	0		31.03