DECHRA'S IV FLUID PORTFOLIO

Ionic Concentration and Properties of Vetivex® Fluids

	Plasma (for comparison)	Lactated Ringer's Injection	pHyLyte® Injection	0.9% NaCl Injection	Lactated Ringer's + 5% Dextrose Injection*	Hartmann's Solution
Sodium (mEq/L)	145	130	140	154	130	131
Chloride (mEq/L)	110	109	98	154	109	111
Potassium (mEq/L)	5	4	5	0	4	5
Calcium (mEq/L)	5	2.7	0	0	2.7	4
Magnesium (mEq/L)	2	0	3	0	0	0
Buffer (mEq/L)	HCO_3: 24	Lactate: 28	Acetate: 27 Gluconate: 23	0	Lactate: 28	Lactate: 29
pH	7.4	6.5	7.4	5.0	5	6.5
Osmolarity (mOsm/L)	300	273	294	308	525	278
kcal/L	-	9	21	0	180	9

*Each liter contains 50 g of dextrose.

Companion Animal Fluid Selection Based on Disorder*

	Lactated Ringer's Injection**	pHyLyte® Injection	0.9% NaCl Injection
Vomiting	✔	✔	
Diarrhea	✔	✔	
Pancreatitis	✔	✔	
Diabetic Ketoacidosis	✔	✔	✔
Heart Disease	✔	✔	
Acute Renal Disease: Oliguria	✔	✔	
Acute Renal Disease: Polyuria	✔	✔	
Chronic Renal Disease	✔	✔	
Urinary Obstruction	✔	✔	
Severe Liver Disease		✔	
Addison's Disease***	✔	✔	✔
Blood Transfusion		✔	✔

*These guidelines are to be used as a general reference only. The individual patient's clinical findings must be assessed when selecting the rate and type of fluid therapy.

**Lactated Ringer's and 5% Dextrose Injection can be used for any patient in which Lactated Ringer's Injection is indicated, but only after it is hydrated. It is a maintenance fluid, not a replacement fluid.

***Fluid choice depends on the patient's sodium concentration.

Dechra Veterinary Technical Services

24 hr. support available at (866) 933-2472 or contact us at support@dechra.com for non-urgent questions.

Vetivex®

Dechra
Veterinary Products

DECHRA'S IV FLUID PORTFOLIO

NEW 250 and 500 mL Sizes Available!

Vetivex® Lactated Ringer's Injection, USP
250, 500, 1000 and 5000 mL bags

Vetivex® Lactated Ringer's and 5% Dextrose Injection, USP
1000 mL bag

Vetivex® Veterinary pHyLyte® Injection pH 7.4
(Multiple Electrolytes Injection, Type 1, USP)
1000, 3000, and 5000 mL bags

Vetivex® 0.9% Sodium Chloride Injection, USP
250, 500, 1000 and 3000 mL bags

Vetivex® Hartmann's Solution for Injection
3000 and 5000 mL bags

Dechra Vetivex® Fluid Specifications*

	Lactated Ringer's Injection	pHyLyte® Injection	0.9% NaCl Injection	Lactated Ringer's + 5% Dextrose Injection	Hartmann's Solution
INDICATIONS	A source of water and electrolytes or an alkalinizing agent	A source of water and electrolytes or an alkalinizing agent	A source of water and electrolytes	A source of water, electrolytes, and calories or an alkalinizing agent	A source of water and electrolytes or an alkalinizing agent
COMPOSITION (PER 100 ML)	Sodium chloride 600 mg, Sodium lactate 310 mg, Potassium chloride 30 mg, Calcium chloride 20 mg	Sodium chloride 526 mg, Sodium gluconate 502 mg, Sodium acetate trihydrate 368 mg, Potassium chloride 37 mg, Magnesium chloride 30 mg,	Sodium chloride 900 mg	Dextrose hydrous 5000 mg, Sodium chloride 600 mg, Sodium lactate 310 mg, Potassium chloride 30 mg, Calcium chloride 20 mg	Sodium chloride 600 mg, Sodium lactate 317 mg, Potassium chloride 40 mg, Calcium chloride 27 mg
HOW SUPPLIED	36 x 250 mL, 24 x 500 mL, 12 x 1000 mL, 2 x 5000 mL	12 x 1000 mL, 4 x 3000 mL, 2 x 5000 mL	36 x 250 mL, 24 x 500 mL, 12 x 1000 mL, 4 x 3000 mL	12 x 1000 mL	4 x 3000 mL, 2 x 5000 mL
COLOR CODED PORT	GREEN	ORANGE	YELLOW	LIGHT BROWN	DARK BLUE

*All 1000 mL bags and smaller are composed of PVC-free, DEHP-free, and latex-free plastic and have two color-coded, identical, dual purpose ports that can be used for the insertion of fluid administration sets or injection of fluid additives. All 3000 mL bags are latex-free and have two ports; one port is color-coded and can be utilized for insertion of the fluid administration set spike or injection of fluid additives. All 5000 mL fluid bags are latex-free and have two color-coded, identical ports that can be utilized for insertion of the administration set spike. A third port is available for injections only.

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