

# TYR *express*™

## DESCRIPTION

TYR express is a powdered tyrosine and phenylalanine free protein substitute containing essential and non-essential amino acids, carbohydrate, vitamins, minerals and trace elements.

## PRESENTATION

TYR express is available in sachets of unflavoured powder.

## INDICATIONS

TYR express is for use in the dietary management of Tyrosinaemia for people from 8 years of age.

Nutritional Information							
Typical composition of dry powder		per 100g	per 25g sachet	Typical composition of dry powder		per 100g	per 25g sachet
Energy				<b>Trace Elements</b>			
	kJ	1260	315	Iron	mg	21.6	5.4
	kcal	302	76	Copper	mg	2.2	0.6
Protein equivalent	g	60	15	Zinc	mg	21.6	5.4
Total amino acids	g	72	18.2	Manganese	mg	3.2	0.8
Carbohydrate	g	15	3.8	Iodine	µg	166	41.5
of which sugars	g	0.0	0.0	Molybdenum	µg	144	36
Fat	g	<0.5	<0.1	Selenium	µg	86	21.5
of which saturates	g	Trace	Trace	Chromium	µg	86	21.5
<b>Vitamins</b>				<b>Amino acids</b>			
Vitamin A	µg	1008	252	L-Alanine	g	4.24	1.11
Vitamin D	µg	13	3.3	L-Arginine	g	5.43	1.36
Vitamin E	mg	11.5	2.9	L-Aspartic acid	g	8.40	2.10
Vitamin C	mg	108	27	L-Cystine	g	2.02	0.51
Vitamin K	µg	101	25.3	L-Glutamine	g	5.37	1.34
Thiamin	mg	2	0.5	Glycine	g	4.42	1.11
Riboflavin	mg	2.3	0.6	L-Histidine	g	2.97	0.74
Niacin	mg	25.2	6.3	L-Isoleucine	g	4.93	1.23
Vitamin B <sub>6</sub>	mg	2.9	0.7	L-Leucine	g	7.90	1.97
Folic acid	µg	400	100	L-Lysine	g	5.62	1.41
Vitamin B <sub>12</sub>	µg	9.4	2.4	L-Methionine	g	1.26	0.32
Biotin	µg	187	46.8	L-Phenylalanine	g	0.00	0.00
Pantothenic acid	mg	7.9	2	L-Proline	g	4.55	1.14
<b>Minerals</b>				L-Serine	g	3.47	0.87
Sodium	mg	568	142	L-Threonine	g	3.79	0.95
	mmol	24.4	6.1	L-Tryptophan	g	1.58	0.40
Potassium	mg	1045	261	L-Tyrosine	g	0.00	0.00
	mmol	27.2	6.8	L-Valine	g	5.37	1.34
Chloride	mg	874	219	L-Carnitine	mg	143.32	35.83
	mmol	24.5	6.1	Taurine	mg	256.30	64.08
Calcium	mg	1116	279				
Phosphorus	mg	1105	276				
Magnesium	mg	415	104				

## DOSAGE & ADMINISTRATION

Dosage of TYR express to be determined by the clinician or dietitian.

1. The daily protein requirement is given as TYR express (100g is equivalent to 60g protein).
2. Additional protein is provided from exchanges of natural protein in medically prescribed quantities, to provide phenylalanine and tyrosine in controlled amounts which is essential for normal growth and development.
3. Foods high in carbohydrate and fat, but low in protein, should be provided to supply the remainder of the calories.

## PREPARATION GUIDELINES

Empty the contents of the sachet into the beaker provided, plus a FlavourPac\* sachet if required. Add approximately 80ml of cold water (half-way up the beaker). Secure the lid and shake for 10 seconds. Drink immediately.

This product should be freshly prepared and when possible used immediately. However, any unused portions should be refrigerated and used within 24 hours - re-shake before use.

Water or permitted drinks should be taken after the TYR express.

\*Separate FlavourPac sachets are available in blackcurrant, lemon, orange, raspberry and tropical.

## IMPORTANT NOTICE

Must only be given to patients with proven Tyrosinaemia.

Must only be used under strict medical supervision.

Not recommended for children under 8 years of age.

Not to be used as a sole source of nutrition.

Not for intravenous use.

## ALLERGEN DECLARATION

Contains Soya Lecithin.

## STORAGE

Store in a cool, dry place.

## PACK SIZE

30 x 25g sachets.

## NET WEIGHT

0.75kg

## REGISTRATION

PBS approved.



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