

FUJIFILM**Wako**

< For Research Use Only >

Code No. 293-73701 1set

**APDSTAG[®] Wako Amino Acids
Internal Standard Mixture Solution**
APDSタグ[®] ワコー用アミノ酸内部標準混合液

This product is the internal standard mixture solution for amino acid assay by APDSTAG[®] Wako.

本品は、APDSタグ[®] ワコーによるアミノ酸分析の際に用いる内部標準混合液です。

[Product contents]

(1) 290-73711	APDSTAG [®] Wako Amino Acids Internal Standard Mixture Solution No.1	6.8 mL
(2) 297-73721	APDSTAG [®] Wako Amino Acids Internal Standard Mixture Solution No.2	0.7 mL

[290-73711 Solution No.1 contents]

	Constituent	$\mu\text{mol/L}$		Constituent	$\mu\text{mol/L}$
1	L-Alanine- ¹³ C ₃	110	13	L-Lysine- ¹³ C ₆ , ¹⁵ N ₂ Monohydrochloride	143
2	2-Aminoethanol -1,1,2,2-d ₄	110	14	L-Methionine- ¹³ C ₅ , ¹⁵ N	55
3	L-Arginine- ¹⁵ N ₄	110	15	3-Methyl-d ₃ -L-histidine (CAS No. 91037-48-8)	110
4	L-Asparagine- ¹³ C ₄ , ¹⁵ N ₂	99	16	L-Ornithine- ¹³ C ₅ Monohydrochloride	88
5	L-Aspartic Acid-2,3,3-d ₃	110	17	L-Phenylalanine- ¹³ C ₉ , ¹⁵ N	88
6	L-Citrulline-4,4,5,5-d ₄	110	18	L-Proline- ¹³ C ₅ , ¹⁵ N	27.5
7	L-Cystine-3,3,3',3'-d ₄	220	19	L-Serine- ¹³ C ₃ , ¹⁵ N	110
8	L-Glutamic Acid- ¹³ C ₅ , ¹⁵ N	110	20	Taurine- ¹³ C ₂	275
9	Glycine- ¹³ C ₂ , ¹⁵ N	55	21	L-Threonine- ¹³ C ₄	110
10	L-Histidine- ¹³ C ₆ , ¹⁵ N ₃	110	22	L-Tryptophan- ¹³ C ₁₁ , ¹⁵ N ₂	88
11	L-Isoleucine- ¹³ C ₆ , ¹⁵ N	88	23	L-Tyrosine (Ring- ¹³ C ₆)	110
12	L-Leucine-5,5,5-d ₃	88	24	L-Valine- ¹³ C ₅ , ¹⁵ N	55

* Contains approx. 1.6 mmol/L HCl solution

[297-73721 Solution No.2 content]

Constituent	$\mu\text{mol/L}$
L-Glutamine- ¹³ C ₅ , ¹⁵ N ₂	1,400

[Note]

Mix accurately the amount of (1) 6.5 mL and (2) 0.5 mL in a bottle before use.

Use it within 2 weeks after mixture.

ご使用前に、(1)を6.5 mL、(2)を0.5 mL正確に量り取り、混合してください。

混合後、2週間以内にご使用ください。

[Storage] Store away from sunlight at 2~10℃, vertically.

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