



Best in Class

Complete Multivitamin & Mineral Supplement for use in Cystic Fibrosis

CLINICALLY TESTED DELIVERY TECHNOLOGY



DEKAs Plus liquid



DEKAs Plus chewables



DEKAs Essential capsules



DEKAs Plus softgels

UK

FR

DE

ES

PT

RU

عربي


IMPORTANT NOTICE

DEKAs* is a Food for Special Medical Purposes, for the dietary management of patients with Cystic Fibrosis on the specific recommendation of a Cystic Fibrosis specialist. Use only under medical supervision. Please read product information on the inside.

Developed with grants from the **US CF Foundation & NIH**

DEKAs is a registered trademark of Callion Pharma.

DEKAs nutritional information



Product		DEKAs Plus softgels	DEKAs Plus chewables	DEKAs Essential capsules	DEKAs Plus liquid	
One pack contains		60 softgels	60 chewables	60 capsules	60 ml liquid	
		1 softgel	1 chewable	1 capsule	1 ml	2ml
Vitamin A as retinyl palmitate	IU (µg RE)*	1500 (450)	1500 (450)	500 (150)	750 (225)	1500 (450)
Vitamin A as β-carotene	IU (mg RE)*	16667 (5)	16667 (5)	1500 (0,45)	5001 (1,5)	10002 (3)
Vitamin D ₃	IU (µg)	3000 (75)	2000 (50)	2000 (50)	750 (18,8)	1500 (37,5)
Vitamin E	IU (mg)	150 (101)	100 (67,2)	150 (101)	50 (33,6)	100 (67,2)
Vitamin K ₁	µg	1000	1000	1000	500	1000
Thiamin (B ₁)	mg	1,5	1,5		0,6	1,2
Riboflavin (B ₂)	mg	1,7	1,7		0,6	1,2
Niacin	mg	10	10		6	12
Vitamin B ₆	mg	1,9	1,9		0,6	1,2
Folic acid	µg	200	200		-	
Vitamin B ₁₂	µg	12	12		-	
Vitamin C	mg	75	75		45	90
Biotin	µg	100	100		15	30
Pantothenic Acid	mg	12	12		3	6
Zinc	mg	10	10		5	10
Selenium	µg	75	75		10	20
Co-enzyme Q ₁₀	mg	10	10		2	4

* RE = all trans retinol equivalent. β-carotene is a precursor to vitamin A, and is converted by the body to vitamin A as needed.

DEKAs enables you to comply with the latest **European Cystic Fibrosis Guidelines**^{1,2}

1. Sermet-Gaudelus I, et al., European cystic fibrosis bone mineralisation guidelines. J Cyst Fibros 2011;10(2):S16-23.
2. Turck D, et al., ESPEN-ESPGHAN-ECFS guidelines on nutrition care for infants, children, and adults with cystic fibrosis, Clinical Nutrition (2016), <http://dx.doi.org/10.1016/j.clnu.2016.03.004>

Choose **Best** in Class. Choose **DEKAs**

Why is **DEKAs** best in its class?

Attribute	DEKAs	Alternatives
Absorption technology	Proven in clinical trials in CF and cholestasis ^{3,4}	No or based on in-vitro models
Taste masking technology	Yes	Rarely
Clinical studies in CF	Yes, 7 studies ^{3,4}	No
Rich in zinc, selenium, vitamin C, β -carotene, mixed tocopherols	Yes, rich in antioxidants with proven clinical benefits in CF ^{2,3}	Variable
Choice of Forms	Liquid, softgels, chewables, capsules	1 form per age group
Formulation	Water-based liquid	Oil-based liquid
Avoids high vitamin A	Yes. Vitamin A is given mostly as beta-carotene, not retinol.	No. Often vitamin A is given as retinol only.
Pregnancy	Avoids low/high vitamin A levels.	High vitamin A levels often possible.
Dose of Vitamin K ₁ /day	0,5 – 2 mg, shown to be sufficient in clinical studies e.g. with DEKAs formulations ⁴ .	Usually lower or higher (5-10 mg), without clinical studies to justify these low or very high doses in CF.
Average cost per day	DEKAs is 100% reimbursed. Internet: priced competitively	Variable. Some products are low on expensive ingredients.

1. All studies were done with the DEKAs/AquADEKs formulation with its specific absorption technology. Doses of vitamin D and K were lower in the formulations used in the initial studies and later adapted to guideline compliant levels.
2. Sagel SD, et al. Effects of an antioxidant-enriched multivitamin in cystic fibrosis. *Am J Respir Crit Care Med* (2018) Sep 1;198(5):639-647.
3. Renner, S, et al. Effects of beta-carotene supplementation for six months on clinical and laboratory parameters in patients with cystic fibrosis. *Thorax* 2001; 56: 48-52.
4. Please ask us for a full bibliography and evidence review on info@dekasvitamins.com



Choose Best in Class. Choose **DEKAs**

Pourquoi **DEKAs** est-il le meilleur de sa catégorie ?

FR

Caractéristique	DEKAs	Alternatives
Technologie d'absorption	Validée lors d'essais cliniques sur la mucoviscidose et la cholestase chronique ¹	Aucune validation clinique ou basée sur des modèles in-vitro
Technologie de masquage du goût	Oui	Rarement
Études cliniques sur la Mucoviscidose	Oui, 7 études ^{2,4}	Aucune
Riche en zinc, sélénium, vitamine C, β-carotène, tocophérols mixtes	Oui, riche en antioxydants avec avantage clinique démontré dans la mucoviscidose ^{2,3} .	Variable
Choix des formes	Liquide, capsules molles, comprimés à croquer, gélules	1 forme par tranche d'âge
Formulation	Liquide à base d'eau	Liquide à base d'huile
Risque d'hyper-vitaminose A	Faible. La vitamine A est administrée principalement sous forme de bêta-carotène, facilement éliminable.	Existant. La vitamine A est souvent administrée sous forme de rétinol avec risque de surdosage.
Grossesse	Évite les niveaux faibles/élevés de vitamine A.	Des taux élevés de vitamine A sont tératogènes.
Dose de vitamine K ₁ journalière	Dose de 0,5 – 2 mg/j, validée cliniquement, y compris avec les formulations DEKAs ⁴ .	Parfois une dose inférieure ou supérieure (5-10 mg), sans validation clinique dans la mucoviscidose.
Coût moyen par jour	DEKAs est remboursé à 100%. Le site web-marchand à un prix compétitif.	Variable. Certains produits ont une faible teneur en ingrédients coûteux.

1. Toutes les études ont été réalisées avec la formulation DEKAs/AquADEKs avec sa technologie d'absorption spécifique. Les doses de vitamines D et K étaient plus faibles dans les formulations utilisées dans les études initiales et ont été adaptées par la suite à des niveaux conformes aux lignes directrices.
2. Sagel SD, et al. Effets d'une multivitamine enrichie en antioxydants dans la fibrose kystique. *Am J Respir Crit Care Med* (2018) Sep 1;198(5):639-647.
3. Renner, S, et al. Effets d'une supplémentation en bêta-carotène pendant six mois sur les paramètres cliniques et de laboratoire chez les patients atteints de fibrose kystique. *Thorax* 2001; 56: 48-52.
4. Veuillez nous demander une bibliographie complète et des preuves à info@dekasvitamins.com

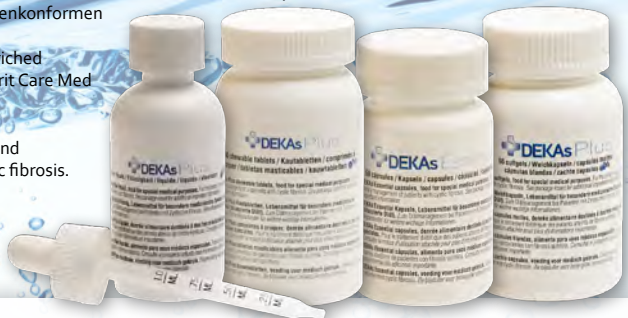
Choisir **délibérément**. C'est choisir **DEKAs**

Warum die **DEKAs** Palette die beste ihrer Klasse ist

	DEKAs	Alternativprodukte
Absorptionstechnologie	Nachgewiesen in klinischen Studien bei Mukoviszidose und Cholestase ¹	Nein oder basierend auf In-vitro-Modellen
Geschmacksmaskierung	Ja	Nein/Kaum
Klinische Studien bei Mukoviszidose	Ja, 7 Studien ^{2,4}	Nein
Reich an Zink, Selen, Vitamin C, β-Carotin, gemischten Tocopherolen	Ja, reich an Antioxidantien mit nachgewiesenen klinischen Vorteilen bei Mukoviszidose ^{2,3} .	Variabel
Verschiedene Darreichungsformen	Lösung, Weichkapseln, Kautabletten, Kapseln	1 Darreichungsform je nach Altersgruppe
Formulierung	Auf Wasserbasis	Auf Ölbasis
Sicherheit in Bezug auf hohe Vitamin A Spiegel	Ja. Vitamin A wird vorwiegend in Form von β -Carotin verabreicht, nicht in Form von Retinol.	Nein. Oftmals wird Vitamin A nur in Form von Retinol verabreicht.
Schwangerschaft	Vermeidet niedrige/hohe Vitamin A-Werte.	Hohe vitamin A Werte sind oftmals möglich.
Vitamin K₁-Dosis /Tag	0,5 - 2 mg, was sich in klinischen Studien z.B. mit Formulierungen von DEKAs als richtig dosiert erwiesen hat ⁴ .	In der Regel niedriger oder höher (5-10 mg); ohne klinische Studien, die diese niedrigen oder hohen Dosen bei Mukoviszidose rechtfertigen.
Durchschnittliche Kosten pro Tag	DEKAs wird oftmals zu 100 % erstattet. Internet: wettbewerbsfähige Preise	Variabel. Einige Produkte enthalten kleinere Mengen der teureren Zutaten.

DE

1. Alle Studien wurden mit den Formulierungen DEKAs/AquADEKs durchgeführt, die über eine besondere Absorptionstechnologie verfügen. Die Dosen von Vitamin D und K waren in den Formulierungen, die in den ersten Studien verwendet wurden, niedriger und wurden danach an die richtlinienkonformen Werte angepasst.
2. Sagel SD, et al. Effects of an antioxidant-enriched multivitamin in cystic fibrosis. *Am J Respir Crit Care Med* (2018) Sep 4;198(5):639-647.
3. Renner, S, et al. Effects of beta-carotene supplementation for six months on clinical and laboratory parameters in patients with cystic fibrosis. *Thorax* 2001; 56: 48-52.
4. Unter info@dekasvitamins.com können Sie das vollständige Literaturverzeichnis und Evidenzprüfungen anfordern.



Wählen Sie **Bewusst**. Wählen Sie **DEKAs**

¿Por qué **DEKAs** es el mejor producto de su clase?

Característica	DEKAs	Otros productos
Tecnología de absorción	Probada en ensayos clínicos sobre fibrosis quística y colestasis ¹	Ninguna o basada en modelos in vitro
Tecnología de mejora del sabor	Sí	Raramente
Estudios clínicos en FQ	Sí, 7 estudios ^{2,4}	No
Rico en zinc, selenio, vitamina C, β-carotenos, tocoferoles mixtos	Sí, rico en antioxidantes con beneficios clínicos probados en FQ ^{2,3} .	Variable
Variedad de formas farmacéuticas	Líquido, cápsulas blandas, pastillas masticables, cápsulas	Una sola forma farmacéutica por grupo de edad
Formulación	Líquido de base acuosa	Líquido a base de aceite
Evita altos niveles de vitamina A	Sí. La vitamina A se administra principalmente como beta-caroteno, no como retinol.	No. A menudo la vitamina A se administra solo como retinol.
Embarazo	Evita alcanzar niveles bajos o altos de vitamina A.	A menudo pueden alcanzar niveles altos de vitamina A.
Dosis de vitamina K ₁ /día	De 0,5 a 2 mg, que se ha demostrado en estudios clínicos, por ejemplo con formulaciones de DEKAs ⁴ , a ser una dosis suficiente.	Suele ser más baja o más alta (5-10 mg), sin estudios clínicos que justifiquen estas dosis en FQ.
Coste promedio por día	A menudo DEKAs se reembolsa al 100 %. Internet: precios competitivos	Variable. Algunos productos tienen poca cantidad de ingredientes costosos.

ES

1. Todos los estudios se hicieron con la formulación DEKAs/AquADEKs con su tecnología de absorción específica. Las dosis de vitamina D y K fueron inferiores en las formulaciones utilizadas en los estudios iniciales. Posteriormente, se adaptaron para cumplir con los niveles establecidos en las directrices.
2. Sagel SD, et al. Effects of an antioxidant-enriched multivitamin in cystic fibrosis. *Am J Respir Crit Care Med* (2018) Sep 1;198(5):639-647.
3. Renner, S., et al. Effects of beta-carotene supplementation for six months on clinical and laboratory parameters in patients with cystic fibrosis. *Thorax* 2001; 56: 48-52.
4. Solicite la bibliografía completa y una revisión de las pruebas escribiéndonos a info@dekasvitamins.com

Elija el **mejor** de su clase. Elija **DEKAs**

Porque **DEKAs** é o melhor da classe?

Características	DEKAs	Alternativas
Tecnologia de absorção	Testado em ensaios clínicos em Fibrose Quística e colostase ¹	Não há, ou têm como base modelos in vitro
Tecnologia de dissimulação do sabor	Sim	Raramente
Ensaio Clínicos em FQ	Sim, 7 es ^{2,4}	Não
Rico em zinco, selênio, vitamina C, β-caroteno, tocoferóis mistos	Sim, rico em antioxidantes com benefícios clinicamente provados em FQ ^{2,3} .	Variável
Escolha de apresentações	Líquido, <i>softgels</i> , comprimidos mastigáveis, cápsulas	1 apresentação para cada grupo etário
Formulação	Líquido de base aquosa	Líquido de base oleosa
Evita a vitamina A elevada	Sim. A vitamina A é proporcionada maioritariamente como beta-caroteno, não como retinol.	Não. Frequentemente a vitamina A é fornecida apenas como retinol.
Gravidez	Evita o teor elevado/baixo de vitamina A.	Frequentemente é possível a aparição de elevado teor de vitamina A.
Dose de Vitamina K ₁ /dia	0,5 – 2 mg, demonstrou ser suficiente em ensaios clínicos e.g. com as formulações DEKAs ⁴ .	Frequentemente mais alto ou mais baixo (5-10 mg), sem ensaios clínicos que justifiquem este teor baixo ou muito elevado em FQ.
Custo médio diário	DEKAs é frequentemente compartilhado. Internet: preço competitivo	Variável. Alguns produtos têm baixo teor dos ingredientes mais caros.

PT

1. Todos os ensaios foram feitos com a formulação DEKAs/AquADEKs com a sua tecnologia específica de absorção. O teor de vitamina D e K foi mais baixo nas formulações utilizadas nos ensaios iniciais e adaptados posteriormente para níveis de compatibilidade com as diretivas.
2. Sagel SD, et al. Effects of an antioxidant-enriched multivitamin in cystic fibrosis. Am J Respir Crit Care Med (2018) Sep 1;198(5):639-647.
3. Renner, S, et al. Effects of beta-carotene supplementation for six months on clinical and laboratory parameters in patients with cystic fibrosis. (2001, June 56). 48-52
4. Para solicitar a bibliografia completa e a revisão das evidências utilize o seguinte e-mail info@dekasvitamins.com



Escolha o **Melhor** da sua Classe. Escolha **DEKAs**

Почему витамины DEKAs лучшие в своей категории?

Параметр	DEKAs	Альтернативы
Технология абсорбции	Проверены в клинических испытаниях у пациентов с муковисцидозом и холестаазом ¹	Нет или проведены на моделях in vitro
Технология маскировки вкуса	Есть	Редко
Клинические исследования у пациентов с муковисцидозом	7 исследований ^{2,4}	Нет
Высокое содержание цинка, селена, витамина С, бета-каротина, смешанных токоферолов	Да, богат антиоксидантами с доказанными клиническими эффектом при муковисцидозе ^{2,3} .	Варьируется
Лекарственная форма	Жидкость, мягкие желатиновые капсулы, жевательные таблетки, капсулы	1 форма на каждую возрастную группу
Формула	Жидкость на основе воды	Жидкость на основе масла
Не содержит излишнего витамина А	Да. Витамин А содержится в основном в форме бета-каротина, а не ретинола.	Нет. Часто витамин А содержится только в форме ретинола.
Беременность	Содержание витамина А ни слишком высокое, ни слишком низкое.	Часто возможны высокие уровни витамина А.
Суточная доза витамина К1	0,5–2 мг. Клинические исследования, например с лекарственными формами DEKAs ⁴ , показали, что это достаточное количество.	Обычно ниже или выше (5–10 мг), без клинических исследований, подтверждающих такие слишком низкие или слишком высокие дозы при муковисцидозе.
Средняя стоимость в день	Стоимость DEKAs может покрываться страховкой. Интернет: конкурентная цена	Варьируется. Некоторые средства имеют низкое содержание дорогих ингредиентов.

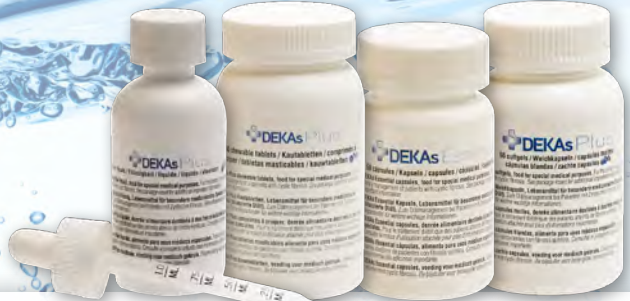
1. Все исследования проводились с лекарственными формами DEKAs/AquADEKs с их специфической технологией всасывания. Дозы витамина D и K в лекарственных формах, использованных в изначальных исследованиях, были ниже, а затем изменены в соответствии с рекомендациями.
2. Sagel SD, et al. Effects of an antioxidant-enriched multivitamin in cystic fibrosis. *Am J Respir Crit Care Med* (2018) Sep 1;198(5):639-647.
3. Renner, S, et al. Effects of beta-carotene supplementation for six months on clinical and laboratory parameters in patients with cystic fibrosis. *Thorax* 2001; 56: 48-52.
4. Полная библиография и список примеров при запросе по адресу info@dekasvitamins.com

Выбирайте лучшее. Выбирайте DEKAs

لماذا تعتبر DEKAs الأفضل في فئتها؟


البدائل	DEKAs	الخواص
لا أو بناء على نماذج خارج الجسم الحي	مُثبتة في التجارب السريرية التي أُجريت على التليف الكيسي والركود الصفراوي ^{1,4}	تقنية الامتصاص
نادراً	نعم	تقنية إخفاء النكهة
لا	نعم، 7 دراسات ^{4,1}	الدراسات السريرية التي أُجريت على التليف الكيسي
بنسب متفاوتة	نعم، غني بالمواد المضادة للأكسدة. ثبتت الفوائد السريرية في التليف الكيسي ^{2,3}	غني بالزنك، السيلينيوم، فيتامين C ، بيتا كاروتين، توكوفيرولات مختلطة
شكل واحد لكل فئة عُمرية	سائل، كبسولات هلامية، أقراص قابلة للمضغ، كبسولات	اختيار الأشكال
سائل زيتي	سائل مائي	الهينة التي يأتي بها المُستحضر
لا. غالباً ما يتم إعطاء فيتامين أ على شكل ريتينول فقط.	نعم. يتم إعطاء فيتامين أ في الغالب على أنه بيتا كاروتين، وليس ريتينول.	يتجنب ارتفاع فيتامين أ
ارتفاع مستويات فيتامين أ ممكن في كثير من الأحيان.	يتجنب انخفاض/ارتفاع مستويات فيتامين أ.	الحمل
عادة ما تكون أقل أو أعلى من (5-10 ملغ)، دون إجراء دراسات سريرية لتبرير هذه الجرعات المنخفضة أو المرتفعة جداً في التليف الكيسي.	من 0.5 إلى 2 ملغ، ثبت أنه كاف في الدراسات السريرية، على سبيل المثال، مع مُستحضرات DEKAs ⁴ .	جرعة فيتامين أ ⁴ /اليوم
متفاوتة. بعض المنتجات نسب المكونات العالية الثمن فيها مُنخفضة .	غالباً ما تُعوّض الجهات التأمينية ثمن DEKAs بنسبة 100% . الإنترنت: بأسعار تنافسية	متوسط التكلفة اليومية

- 1 أُجريت جميع الدراسات باستخدام مستحضرات AquADEKs / DEKAs بتقنية الامتصاص الخاصة بها. كانت جرعات فيتامين (د) و (ك) أقل في المُستحضرات المستخدمة في الدراسات الأولية وتم تكيفها لاحقاً مع المستويات المتوافقة مع التوصيات التوجيهية
- 2 SD Sagel ، وآخرون. آثار الفيتامينات المتعددة الغنية بمضادات الأكسدة في التليف الكيسي 1 (2018) Med. Care Crit Respir J Am
- 3 S. Renner ، وآخرون. آثار مكملات بيتا كاروتين لمدة ستة أشهر على المُتتباتات السريرية والمخبرية في المرضى الذين يعانون من التليف الكيسي. 56: 48 - 52 ؛ Thorax 2001
- 4 من فضلك اطلب منا قائمة المراجع الكاملة واستعراض الأدلة من خلال: info@dekasvitamins.com



قم باختيار الأفضل في فئته. قم باختيار DEKAs.


How **DEKAs** enables you to comply with the **latest CF dietary** guidelines



Infants
0-12 months

Vitamin	ESPEN-ESPHGAN -ECFS guidelines (2016) ²	Bone mineralization consensus (2011) ¹	DEKAs Plus 1 ml
D	400 - 1000 IU/day	1000 - 2000 IU/day	750 IU
E	50 IU/day	-	50 IU
K	0,3 -1,0 mg/day	0,5 -2 mg/day	0,5 mg
A	Up to 16667 IU/day as maintenance.		5751 IU 87% as β -carotene*

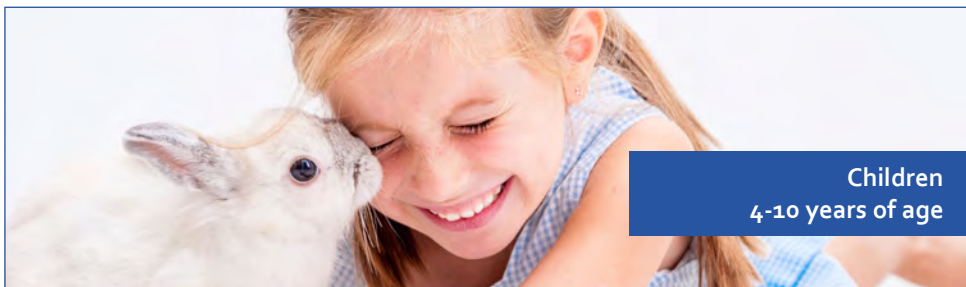
* β -carotene is a precursor to vitamin A and is converted by the body to vitamin A as needed. No risk of hypervitaminosis A. DEKAs Plus liquid also contains all vitamins B (except folic acid & vitamin B12), vitamin C, zinc, selenium and antioxidants.



Children
1-3 years of age

Vitamin	ESPEN-ESPHGAN-ECFS guidelines (2016) ²	Bone mineralisation consensus (2011) ¹	DEKAs Plus 1-2 ml
D	800 - 2000 IU/day (1-3 years)	800 - 2000 IU/day	750-1500 IU
E	100 - 400 IU/day (1-3 years)	-	50-100 IU
K	1 - 10 mg/day (1-3 years)	1 - 10 mg/day	0,5-1 mg
A	Up to 16667 IU/day as maintenance. Start low. Adapt to serum levels.		5751-11502 IU 87% as β -carotene*

* β -carotene is a precursor to vitamin A and is converted by the body to vitamin A as needed. No risk of hypervitaminosis A. DEKAs Plus liquid also contains all vitamins B (except folic acid & vitamin B12), vitamin C, zinc, selenium and antioxidants.



**Children
4-10 years of age**

Vitamin	ESPEN-ESPHGAN -ECFS guidelines (2016) ²	DEKAs Plus 2 ml	DEKAs Plus 1 chewable	DEKAs Essential 1 capsule
D	800 - 2000 IU/day <i>1000 - 5000 IU/day^a</i>	1500 IU	2000 IU	2000 IU
E	100 - 400 IU/day	100 IU	100 IU	150 IU
K	1 - 10 mg/day	1 mg	1 mg	1 mg
A*	Up to 16667 IU/day. Start low. Adapt to serum levels.	11500 IU 87% as β-carotene*	18167 IU 92% as β-carotene*	2000 IU 75% as β-carotene*

* β-carotene is a precursor to vitamin A. It is converted by the body to vitamin A as needed. No risk of hypervitaminosis A. DEKAs Plus forms also contain all vitamins B, vitamin C, zinc, selenium and antioxidants.



**Children over
10 years of age and adults**

Vitamin	ESPEN-ESPHGAN-ECFS guidelines (2016) ²	DEKAs Plus 1 chewable	DEKAs Plus 1 softgel	DEKAs Essential 1 - 2 capsules	1 DEKAs Plus + 1 DEKAs Essential
D	800 - 4000 IU/day	2000 IU	3000 IU	2000-4000 IU	5000 IU
E	100 - 400 IU/day	100 IU	150 IU	150-300 IU	300 IU
K	1 - 10 mg/day	1 mg	1 mg	1-2 mg	2 mg
A*	Up to 16667 IU/day. Start low. Adapt to serum levels.	18167 IU 92% as β-carotene*	18167 IU 92% as β-carotene*	2000-4000 IU 75% as β-carotene*	20167 IU 84% as β-carotene*

* β-carotene is a precursor to vitamin A. It is converted by the body to vitamin A as needed. No risk of hypervitaminosis A. DEKAs Plus forms also contain all vitamins B, vitamin C, zinc, selenium and antioxidants.

1. Sermet-Gaudelus I, et al., European cystic fibrosis bone mineralisation guidelines. J Cyst Fibros 2011;10(2):S16-23
2. Turck D, et al., ESPEN-ESPHGAN-ECFS guidelines on nutrition care for infants, children, and adults with cystic fibrosis, Clinical Nutrition (2016), <http://dx.doi.org/10.1016/j.clnu.2016.03.004>.

Product information: DEKAs Plus liquid, food for special medical purposes. For the dietary management of patients with cystic fibrosis on the specific recommendation of a specialist in cystic fibrosis. DEKAs Plus is a multivitamin and mineral supplement that contains higher amounts of fat-soluble vitamins. DEKAs Plus utilizes a clinically tested delivery technology to enhance absorption of fat-soluble vitamins and nutrients. **Important notice:** Use only under medical supervision. Unless medically advised, do not administer to children under 4 years of age. Not for parenteral use. Cannot be used as a sole source of nutrition. The product poses a health hazard if consumed by persons who do not have the disease (s), disorder(s) or medical conditions for which the product is intended. Use during pregnancy and/or combined use with anticoagulants only after consultation with a doctor. **Use and storage:** Do not use if the seal is broken or missing. Shake well before use. Keep out of reach of children. Store at room temperature. Refrigerate after opening. Use within 60 days of opening. **Recommended dosage:** 1 ml per day or as directed by a physician. Dosing should be guided by serum vitamin levels. **Allergens:** none.

Ingredients: water, L-ascorbic acid, sodium-L- ascorbate, D-alpha-tocopheryl polyethylene glycol-1000 succinate, zinc gluconate, beta-carotene, D-alpha-tocopherol, antioxidant (tocopherol-rich extracts), nicotinamide, natural and artificial flavors, calcium D-pantothenate, sweetener (sucralose), coenzyme Q10, thiamin hydrochloride, riboflavin 5'- phosphate sodium, cholecalciferol, pyridoxine hydrochloride, retinyl palmitate, preservatives (potassium sorbate, sodium benzoate), phytomenadione, selenomethionine, D-biotin.

Distribution


Alveolus Biomedical B.V.,
 Platolaan 71, 3707 GD Zeist, NL.
www.dekasvitamins.com

Manufactured in the USA for


232 Presidential Drive, Suite 7
 Jonesborough, TN 37659 USA
www.callionpharma.com

Nutritional information

contains 60 ml		1 ml	100 ml
Energy	kJ / kcal	4 / 1	400 / 100
Fat of which	g	0	0
saturates	g	0	0
Carbohydrates of which	g	0,3	22
Sugars	g	0	0
Protein	g	0,02	2
Salt	g	0,01	1
Vitamin A as retinyl palmitate	µg RE* (IU)	225 (750)	22500 (75000)
Vitamin A as beta-carotene	µg RE* (IU)	1500 (5001)	150030 (500100)
Vitamin C	mg	45	4500
Vitamin D3	µg (IU)	18,8 (750)	1875 (75000)
Vitamin E	mg (IU)	33,6 (50)	3355 (5000)
Vitamin K1	µg	500	50000
Vitamin B1 - Thiamin	mg	0,6	60
Vitamin B2 - Riboflavin	mg	0,6	60
Niacin	mg	6	600
Vitamin B6	mg	0,6	60
Biotin	µg	15	1500
Pantothenic Acid	mg	3	300
Zinc	mg	5	500
Selenium	µg	10	1000
Coenzyme Q10	mg	2	200

* RE = all trans retinol equivalent

Product information: DEKAs Plus softgels, food for special medical purposes. For the dietary management of patients with cystic fibrosis on the specific recommendation of a specialist in cystic fibrosis. DEKAs Plus is a multivitamin and mineral supplement that contains higher amounts of fat-soluble vitamins. DEKAs Plus utilizes a clinically tested delivery technology to enhance absorption of fat-soluble vitamins and nutrients. **Important notice:** Use only under medical supervision. Cannot be used as a sole source of nutrition. Can be used above the age of 10 years. The product poses a health hazard if consumed by persons who do not have the disease (s), disorder(s) or medical conditions for which the product is intended. Use during pregnancy and/or combined use with anticoagulants only after consultation with a doctor. **Use and storage:** Do not use if the seal is broken or missing. Keep out of reach of children. Store at room temperature. **Recommended dosage:** Over age 10: 1-2 softgels per day as directed by physician. Dosing should be guided by serum vitamin levels. Take with meals. **Allergens:** none.

Ingredients: capsule (bovine gelatin, humectants: E422, E420; colorants: E150d; flavouring: ethylvanillin), soybean oil, D-alpha-tocopheryl polyethylene glycol-1000 succinate, antioxidant (tocopherol-rich extracts), sodium ascorbate, D-alpha-tocopherol, selenium enriched yeast / selenomethionine, beta-carotene, zinc sulphate, calcium D-pantothenate, nicotinamide, D-biotin, coenzyme Q10, cholecalciferol, pyridoxine hydrochloride, thiamin mononitrate, riboflavin, cyanocobalamin, retinyl palmitate, phytomenadione, folic acid.

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Nutritional information

contains 60 softgels		1 softgel	100 g
Energy	kJ / kcal	20 / 5	2090 / 500
Fat of which	g	0,5	43
saturates	g	0,4	36
Carbohydrates of which	g	0,3	22
Sugars	g	<0,1	<0,1
Protein	g	0,3	25
Salt	g	<0,1	1,0
Vitamin A as retinyl palmitate	µg RE* (IU)	450 (1500)	37500 (125000)
Vitamin A as beta-carotene	µg RE* (IU)	5000 (16667)	416665 (1388917)
Vitamin C	mg	75	6250
Vitamin D3	µg (IU)	75 (3000)	6250 (250001)
Vitamin E	mg (IU)	101 (150)	8389 (125000)
Vitamin K1	µg	1000	88333
Vitamin B1 - Thiamin	mg	1,5	125
Vitamin B2 - Riboflavin	mg	1,7	142
Niacin	mg	10	833
Vitamin B6	mg	1,9	158
Folic acid	µg	200	16668
Vitamin B12	µg	12	1000
Biotin	µg	100	8333
Pantothenic Acid	mg	12	1000
Zinc	mg	10	833
Selenium	µg	75	6250
Coenzyme Q10	mg	10	833

* RE = all trans retinol equivalent

Product information: DEKAs Plus chewable tablets, food for special medical purposes. For the dietary management of patients with cystic fibrosis on the specific recommendation of a specialist in cystic fibrosis. DEKAs Plus is a multivitamin and mineral supplement that contains higher amounts of fat-soluble vitamins. DEKAs Plus utilizes a clinically tested delivery technology to enhance absorption of fat-soluble vitamins and nutrients. **Important notice:** Use only under medical supervision. Cannot be used as a sole source of nutrition. Can be used from the age of 4 years. The product poses a health hazard if consumed by persons who do not have the disease(s), disorder(s) or medical conditions for which the product is intended. Use during pregnancy and/or combined use with anticoagulants only after consultation with a doctor. **Use and storage:** Do not use if the seal is broken or missing. Keep out of reach of children. Store at room temperature. **Recommended dosage:** Age 4 to 10 years: 1 chewable tablet daily or as directed by physician. Over age 10: 1-2 chewable tablets per day as directed by a physician. Dosing should be guided by serum vitamin levels. Take with meals. **Allergens:** none.

Ingredients: sugar, dextrose, natural flavors, sodium-L-ascorbate, sweetener (sorbitol), bulking agent (hydroxypropylcellulose), beta-carotene, D-alpha-tocopheryl acid succinate, anti-caking agent (calcium silicate), flavor (citric acid), zinc bisglycinate, nicotinamide, cholecalciferol, phytomenadione, D-alpha-tocopheryl polyethylene glycol-1000 succinate (TPGS), calcium D-pantothenate, anti-caking agent (magnesium stearate), D-biotin, coenzyme Q10, pyridoxine hydrochloride, retinyl palmitate, sodium selenite, thiamin mononitrate, riboflavin, sweetener (sucralose), anti-caking agent (silicon dioxide), cyanocobalamin, antioxidant (mixed tocopherols), folic acid.

Distribution



Alveolus Biomedical B.V.,
Platolaan 71, 3707 GD Zeist, NL
www.dekaskvitamins.com

Manufactured in the USA for



232 Presidential Drive, Suite 7
Jonesborough, TN 37659 USA
www.callionpharma.com

Nutritional information			
contains 60 chewable tablets		1 chewable tablet	100 g
Energy	kJ / kcal	48 / 12	1577 / 377
Fat of which	g	0	1,8
saturates	g	0	1,6
Carbohydrates of which	g	2,7	88
Sugars	g	2,1	70
Protein	g	0	2,5
Salt	g	0,01	0,42
Vitamin A as retinyl palmitate	µg RE* (IU)	450 (1500)	14754 (49180)
Vitamin A as beta-carotene	µg RE* (IU)	5000 (16667)	163937 (546455)
Vitamin C	mg	70	2295
Vitamin D3	µg (IU)	50 (2000)	1639 (65574)
Vitamin E	mg (IU)	67 (100)	2197 (3279)
Vitamin K1	µg	1000	32787
Vitamin B1 - Thiamin	mg	1,5	49
Vitamin B2 - Riboflavin	mg	1,7	56
Niacin	mg	10	328
Vitamin B6	mg	1,9	62
Folic acid	µg	200	6557
Vitamin B12	µg	12	393
Biotin	µg	100	3279
Pantothenic Acid	µg	12	393
Zinc	mg	10	328
Selenium	µg	75	2459
Coenzyme Q10	mg	10	328

* RE = all trans retinol equivalent

Product information: DEKAs Essential capsules, food for special medical purposes. For the dietary management of patients with cystic fibrosis on the specific recommendation of a specialist in cystic fibrosis. DEKAs Essential capsules are a multivitamin supplement that contain higher amounts of fat-soluble vitamins. DEKAs Essential capsules utilize a clinically tested delivery technology to enhance absorption of fat-soluble vitamins and nutrients. **Important notice:** Use only under medical supervision. Cannot be used as a sole source of nutrition. Can be used from the age of 4 years. The product poses a health hazard if consumed by persons who do not have the disease (s), disorder(s) or medical conditions for which the product is intended. Use during pregnancy and/or combined use with anticoagulants only after consultation with a doctor. **Use and storage:** Do not use if the seal is broken or missing. Keep out of reach of children. Store at room temperature. **Recommended dosage:** Age 4 to 10 years: 1 capsule daily or as directed by physician. Over age 10: 1-2 capsules per day as directed by a physician. Dosing should be guided by serum vitamin levels. Take with meals.

Ingredients: D-alpha-tocopheryl polyethylene glycol-1000 succinate (TPGS), D-alpha-tocopherol, capsule (tilapia fish gelatin, water), beta-carotene, cholecalciferol, phytomenadione, retinyl palmitate.

Distribution



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www.dekaskvitamins.com

Manufactured in the USA for



232 Presidential Drive, Suite 7
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www.callionpharma.com

Nutritional information			
contains 60 capsules		1 capsule	100 g
Energy	kJ / kcal	8 / 2	2642 / 631
Fat of which	g	0	49
saturates	g	0	36
Carbohydrates of which	g	0	50
Sugars	g	0	0
Protein	g	0	0
Salt	g	0	0
Vitamin A as retinyl palmitate	µg RE* (IU)	150 (500)	55350 (184500)
Vitamin A as beta-carotene	µg RE* (IU)	450 (1500)	166050 (553500)
Vitamin D3	µg (IU)	50 (2000)	18450 (738000)
Vitamin E	mg (IU)	101 (150)	37269 (55350)
Vitamin K1	µg	1000	369000

* RE = all trans retinol equivalent

DEKAs availability

Webshop

Visit www.DEKAsvitamins.com. Available in English, German, French or Spanish. The shop ships to over 22 countries. Prices from €0,65 per day depending on dose, product, country and quantity ordered.

Benelux and other European Countries

Benelux available via wholesalers & pharmacies. For other countries please contact: Roberto Jongejan MD, Head of EU rjongejan@dekasvitamins.com
☎ +31 6 21255794

France

Available via wholesalers and pharmacies. For information and direct orders please contact: commandes-DEKAs@portail-pharma.com
📠 09 72 40 89 11 ☎ 0806 110 434

Germany and Austria

In Austria DEKAs is available via wholesalers and pharmacies. For Germany please contact: Dirk Krause MD, Country Manager dkrause@dekasvitamins.com
☎ 0174 4440440

Italy

Will be available via wholesalers and pharmacies. For Italy please contact: PIAM Farmaceutici S.p.A., Genova info@piamfarmaceutici.com
☎ 010518621

Spain

Direct to CF centres. For Spain please contact: Roberto Jongejan MD, Head of EU rjongejan@dekasvitamins.com
☎ +31 6 21255794

Switzerland

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UK

Available via wholesaler and pharmacies. For the UK please contact: Simon Deck, Country Manager sdeck@dekasvitamins.com
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