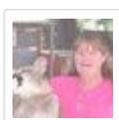


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## 4 Life Transfer Factor

By [MEGriff1950](#) Latest Reply 6 days ago

Started 5 years ago 2 Likes

Has anyone tried the 4Life Transfer Factor Glucoach or other products by this company? Someone told me bit about their products today. I went online and they are a multi layer marketing company (similar to Amway or Shaklee) but their product line appears similar to supplements. They are making big claims about their products. I am skeptical. They are very pricey.

Thanks,  
Mary

Tags: [supplements are supplements](#)[Like](#)

1

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### 23 replies

By [mcmbkk](#) 6 days ago 0

Oh go away. Really?! You only have a "scientific" study in Russian?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

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This weekend in one of my lower moments, we all know what they are like I had this thought. The...

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**jeanwatson** 7 days ago 0

I am a rep for 4Life Research and can attest to the fact that these are very potent and powerful products. All the Transfer Factor products are in the Physicians Desk Reference which means they have to be scientifically validated to be in it. I have customers that take the Transfer Factor Glucoach for diabetes and will attest that it has changed their lives. One man had blood sugar level around 400 even on insulin and within a couple of days on Glucoach it went down to 116 which he claims it's never been that low. Pricey? You can't put a price on your health.

[Reply](#) [Like](#)



**haoleboy** 7 days ago 1

"You can't put a price on your health."  
uh É actually É you can. many of us live on very limited incomes.  
looks to me like overpriced, unproven supplements. you say these products are scientifically validated. can you please provide the independent, peer reviewed studies proving this stuff actually works.

I didn't think so.

[Reply](#) [Like](#)



**tatiana1333** 11 months ago 0

We did! I bought for my husband GluCoach and Plus when he was urgently hospitalized in pre coma conditionÉ His sugar went up to 33, he lost 42 pounds, and in a matter of just four days literally dried up and at the end could not walk nor eat.

Three days I emergency department, 4 more days in regular department.

Resume: 4 shots of insulin per day, pills, diet, exercises, daily blood check.

On the third day we took off insulin before lunch, second day - put away all pills, forth day took off insulin before night. At the end of third week sugar was between 5-6.

Month later at the doctor check upÉ His doctor said:"It's impossible to have such results in such short period of time and come out of his condition to normal!"

But it did happened and today, after three months sugar is the same 5-6. Hope our example helps.

[Reply](#) [Like](#)



diabetes that you are clouding up your mind, your day and your life ?

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### **Is Life itself Now Becoming a Disease?**

I would really appreciate an opinion from everyone who reads this discussion, it doesn't matter what your opinion is, it...

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### **Fill in the Blank Friday: The worst time to have a low blood sugar is ...**

Happy Friday to all my Diabetic Connect friends. I hope wherever you are that you're having a great Friday.

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### **Being a Living Legacy**

With that stated I thought to share my thoughts on this. For when our Loved one(s) pass away, yes we...

[21 Comments](#)

**jayabee52**

11 months ago 0

very nice testimonial. I still am awaiting a shred of peer reviewed study evidence showing how it works.

[Reply](#) [Like](#)

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**tatiana1333**

11 months ago 0

I have a medical report from one institution but it is in Russian though. It's full of medical terms and so. If you are still interested can send you a link - it's possible to make a Google translation at least.

[Reply](#) [Like](#)

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**donadoac**

a year ago 0

4LIFE TRANSFER FACTOR TRI-FACTOR FORMULA-

4Life Research

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4LIFE TRANSFER FACTOR' TRI-FACTOR FORMULA

PRODUCT DESCRIPTION

4Life Transfer Factor Tri-Factor Formula combines proprietary transfer factors and NanoFactor<sup>®</sup> molecules extracted from bovine colostrum and chicken egg yolk sources. These molecules contain antigen information which educates, enhances, and helps maintain immune system balance.

TECHNICAL DESCRIPTION

Transfer factors are molecules that communicate antigenic immunological information intercellularly and from a donor to a recipient. They support immune function through cell mediated immunity. Transfer factors, which carry antigen specific information to which all tested immune cells respond, are produced by mononuclear cells and serve to support and improve immune mediated pathways. Mammalian transfer factors, including those of humans are small molecules between 3,500 and 10,000 daltons. (1; 2) Transfer factors are polypeptides that consist of 40 to 44 amino acids (3) and have a conserved region and a variable region. From a molecular biological standpoint, these two properties are analogous to antibodies; however transfer factor's functions of cell mediated immunity (CMI) and non-specific immunological activity differ almost completely from the functions of antibodies. The molecules that have a molecular weight of less than 3,500 daltons modulate immune response but they do not transfer delayed-type hypersensitivity (DTH). (1) 4Life's transfer factors are sourced from the ultra-filtration of colostrum and from egg yolks. (4; 5) The molecules obtained from the spray dried ultra-filtrate of bovine colostrum are of two classes; the transfer factors present in the ultra-filtrate of  $\approx 10,000$  daltons and the nanofraction

molecules that are present in the nano-filtrate of  $\approx 3,500$  daltons. Transfer factors were first discovered in 1949 by H. Sherwood Lawrence when he demonstrated that CMI could be transferred from one individual to another by way of low molecular weight extracts of white blood cells. Transfer factors could transfer DTH of a specific form from a skin test positive individual to a skin test negative individual who subsequent to the transfer would skin test positive for that antigen. (6) In a subsequent study in 1955 he demonstrated that DTH could be passed serially, first from a skin test positive individual to a test negative individual, who became test positive, then 6 months later from the second individual to another test negative individual who became test positive. (7) At the time antibodies were the focus of immune research and little was known of the importance of DTH and of the involvement of T-cells in immune response. Transfer factors promote wellness via cell mediated immunity. These compounds are components of colostrum, an infant's first meal. They bridge the generational gap by passing cell mediated immunity from mother to infant.

#### BIOLOGICAL AND PHYSIOLOGICAL ACTION

Transfer factors' preparations contain more than 200 different moieties of polypeptide molecules with a molecular weight of  $<10,000$  daltons; each moiety potentially having a great number of epitopic variations. These antigen specific factors are synthesized in monocytes and stored in the cytoplasm or on the cell membrane. A significant body of evidence indicates that the primary biological function of transfer factors is to recruit and specifically sensitize previously uncommitted lymphocytes. These sensitized T-lymphocytes initiate the events of cell-mediated immunity, thereby, promoting immunity not only at the site of antigen challenge but also throughout the body. (8) The effect of transfer factors on antigen mediated immunity, via B-cells, is not completely understood; however, a clinical test has reported an increase in particular antibodies, such as IgA and IgG, during transfer factor administration.

Clinical studies have demonstrated that transfer factors' unique ability to express DTH and promote cell-mediated immunity can be transferred from a sensitized donor to a non-immune recipient. (1; 9) This antigen specific effect is well documented and is likely produced through activation of the CD3-antigen site of T-cells, increased macrophage activation, and interleukin production which can also enhance natural killer cell function. (1; 10)

Although the exact mechanism of action is unknown, research has shown that transfer factors will bind to antigens. However, the antigen specificity that is transferred to recipients is mediated by T-lymphocytes. (3) Current structure function models propose that transfer factors have a variable region and a conserved amino acid region, which determines the antigenic specificity for an estimated 818 epitopes (1) and serves as a binding target for immune cell receptors respectively. (2; 11) These highly conserved regions presumably allow transfer factors to be administered across a species barrier without any loss of potency. In fact, research has demonstrated that bovine transfer factors are

structurally analogous to human-derived transfer factors with equivalent physiological activity. This is further supported by several studies, which used transfer factors extracted from bovine lymph nodes and colostrum to confer cell-mediated immunity to specific antigens in animals and human recipients. (12; 13)

Although most clinical trials with transfer factors have used parental administration; oral administration has also demonstrated successful transfer of DTH and cell mediated immunity to recipients. (14) Dose response studies, which compare in various routes of administration, have been performed in both human and animals. Results of these experiments refute any arguments that the acidic or enzymatic environment of gastrointestinal tract effects oral administration of transfer factors. (14)

#### CLINICAL AND EXPERIMENTAL STUDIES

##### Natural Killer Cell Activity

Peripheral blood mononuclear cells were isolated and pooled from several healthy donors. Sixty thousand cells were added to each well of 96-well microtiter plate. Various immune modulating ingredients, including 4Life Transfer Factor Tri-Factor Formula, were added to select wells on the plate and 48 hour incubation started. At the end of the incubation period 30 thousand K562 cells were added to each well. MTT assay techniques were used to determine the cytotoxic index. The various 4Life Transfer Factor products resulted in cytotoxic indices of 80-98%. By comparison, mononuclear cells incubated with IL-2 for the same 48 hour period produced a cytotoxic index of 88%.

##### CD4 T Helper Cell Research

Multiple studies were performed using the FDA-approved diagnostic CD4 T Helper cell assay kit and/or a T Cell Memory (CD8) assay kit under development by the same company. Similar to the NK cell research described above these in vitro studies were performed on 96-well microtiter plates measuring ATP production via a luciferase-based luminescence reaction.

The CD4 assay utilizes PHA-stimulated cells isolated from whole blood via the use of Dynabeads<sup>®</sup>. An 18 hour incubation of these isolated, stimulated CD4 cells with the 4Life Transfer Factor products has resulted in a modulation of immune cell activity as exhibited by a decrease in ATP production without a negative impact on cell viability. It is hypothesized that this reduction on ATP production is a result of a redirection in immune cell focus, essentially diminishing the distraction induced by the addition of PHA to the microtiter wells.

##### Salivary Secretory IgA-Preliminary Investigation

Twenty-four subjects naïve to transfer factor supplementation were enrolled in a small-scale, preliminary test. Twenty-one were included in the final analysis. Salivary samples were collected from each subject weekly at roughly the same time of day and day of the week. Saliva was collected over a 5 minute period via passive drool while subjects chewed on a piece of Parafilm<sup>®</sup>. The samples were put on ice and then frozen at -70°C until assay. The commercial Salimetrics<sup>®</sup> salivary IgA assay kit

was used for analysis. Subjects were given 4Life Transfer Factor Tri-Factor Formula at 2 capsules per day for two weeks and then transitioned to 4Life Transfer Factor RioVida Tri-Factor Formula at 60ml per day for an additional 2 weeks. At the end of the 4 week supplementation period the group showed an average 73% increase in salivary secretory IgA (SIgA) production over their baseline value. Furthermore, none of the 21 subjects showed SIgA production rate less than their baseline value at the end of the test.

#### Wellness Research

A study conducted with 30 college students found that either 15 or 30 days of transfer factor administered according to label dose helped them maintain their health. Those that took the product for 30 days showed prolonged health maintenance than those who took it for only 15 days. (15)

#### Longevity Studies

Two studies on the effects of 4Life Transfer Factor products on longevity were conducted. An initial, preliminary study was done on mice. This was followed up with a more intricate study on a small group of older men.

Groups of 20 mice each were compared in terms of organ weights, serum immune parameters, strength (dynamometer and hanging time), and isoproterenol-induced salivary hyperplasia. One group was injected with 4mg/kg of a product containing transfer factors. The treatment group showed improvements in all the aforementioned parameters. Isoproterenol-induced salivary gland hyperplasia declines with age. This diminished response is thought to be a consequence of decreased lymphoid cellular regulation of somatic tissue growth. The increased hyperplasia seen in the treatment animals approximated that seen in the treatment animals approximated that seen in younger, untreated mice. There were no significant changes noted in height, weight, or rectal temperature between the two groups. (16)

Based on the results of this study an additional study was undertaken in 11 older men aged 55-73. Subjects were given 3 capsules per day of a product containing transfer factors 5 days a week for 6 weeks. At the end of the six week study period a determination of biological age using the Kiev method (17; 18) showed a reduction of approximately four years. There were significant improvements in several parameters of cardiovascular function, hearing, balance, vital lung capacity, ability to hold their breath, and some subjective measures. (16)

#### Safety

In a study of acute toxicity rats were assessed for fourteen days following a single gavage of 4Life Transfer Factor. Five female SD rats were each gavaged with a dose of 2,000mg/kg. No treatment-related mortalities occurred and there were no clinical signs of toxicity. No significant difference in body weight occurred. No gross lesions were found at necropsy in any of the animals. Thus, acute toxicity is considered to be greater than 2,000mg/kg.

Since the discovery of transfer factors in 1949 there have been no

reports of allergic reactions (1) or of any side effects resulting from long-term use of 10 years or more. The use of transfer factors is contraindicated in person receiving immunosuppressive therapy, though actual interactions have not been documented.

#### How Supplied

4Life Transfer Factor® can be found in the following products:

4Life Transfer Factor® Tri-Factor® Formula  
4Life® Transfer Factor Plus® Tri-Factor® Formula  
4Life Transfer Factor® RioVida® Tri-Factor® Formula  
4Life Transfer Factor Renuvo®  
4Life Transfer Factor® Chewable Tri-Factor® Formula  
4Life Transfer Factor® Classic  
4Life Transfer Factor® Immune Spray  
4Life Transfer Factor® KBU®  
4Life Transfer Factor® Kids  
4Life Transfer Factor® Belle Vie®  
4Life Transfer Factor® Cardio  
4Life Transfer Factor® GluCoach®  
4Life Transfer Factor® MalePro®  
4Life Transfer Factor® ReCall®  
4Life Transfer Factor Vista®  
4Life RiteStart® Men  
4Life RiteStart® Women

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These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure of prevent any disease.

PRODUCT PHOTO

NOTE: These photos can be used only for identification by shape, color, and imprint. They do not depict actual or relative size.

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Image from Drug Label Content

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**kdlo1187**

2 years ago 0

Mary this is a great company. I actually consume some of the products myself and know a lot of people personally who have used these products and have improved their health. I am more than happy to answer any questions you might have regarding these miracle molecules. We are backed by a scientist in medicine. Feel free to ask whatever question you might have and I will try my best to get you the correct answers for you.

Gby

[Reply](#) [Like](#)



**Jeanette Terry** PA

2 years ago 1

I am sorry, for your own safety and that of our members here in the community we have removed your personal contact info from the reply above. You are welcome to communicate via messaging here on the site and if anyone would like to contact you further from there it is their decision.

Also, we understand that you fully support and endorse the company you are speaking of. However, if you benefit financially in any way from promoting their products here on

this site it is a violation of our terms of use.

You are welcome to participate as a member here as we all are, but please refrain from promoting your products.

[Reply](#) [Like](#)

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**jayabee52** 2 years ago 0

do you have any peer revied studies to which you may refer us?

[Reply](#) [Like](#)

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**kdlo1187** 2 years ago 0

There are many studies available so you can gather more information. The studies range from people with just a normal fever to allergies to critical illnesses. If you like, I can send you an email with some of the research I gathered myself before I started using the Transfer Factors.

[Reply](#) [Like](#)

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**jayabee52** 2 years ago 0

i am not asking for people's anecdotal evidence of how they've been healed or life improved by taking the product, I'm looking for hard science, double blind studies to indicate the product does what the producers and the sales people say they do. I should like links linking me to those studies, or it won't be acceptable to me. If there are so many such studies it should be no problem to supply several.

[Reply](#) [Like](#)

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**kdlo1187** 2 years ago 0

I would love to send you all the information on some of the research I have followed up on.

The PDR this where doctors go to get there information on what to

prescribe to patients, you can find Transfer Factors in this reference book:

<http://www.pdr.net/full-prescribing-informati...>

The company patented and certified these products. They have a line of Targeted Transfer Factors that provide specific support for different body system:

<http://7803165.4life.com/us/scien>

**Reply Like**



**jayabee52** 2 years ago 0

but you agree that you DO NOT have that for which I asked. plus you had the audacity to send another what is basically an advert for more products.

Also the "PDR" is not the PDR used by Drs to find real pharmaceuticals. There is a lower level PDR used to find things like Herbalife supplements so they can know what to tell their patients who may be on them. It is not an apples to apples PDR with the big name pharmaceuticals. Inclusion in that PDR means little, but folks like you want to make it something bigger than it is.

**Reply Like**



**kdlo1187** 2 years ago 0

I'm sorry for not providing you with the information you asked for, but I want to make it clear I'm not here to try to sell you on another scam. This is a legitimate company with a life changing product. If you want I can put you in direct contact with our scientist who can answer any questions or concerns. Send me your email so I can forward you

more information and the contact of our scientist! Again I apologize for not providing what your asking and for causing any inconvenience.  
God Bless!

[Reply](#) [Like](#)



**jayabee52** 2 years ago 0

Oh yes you believe that it is not a scam but there is no hard science backing you up.

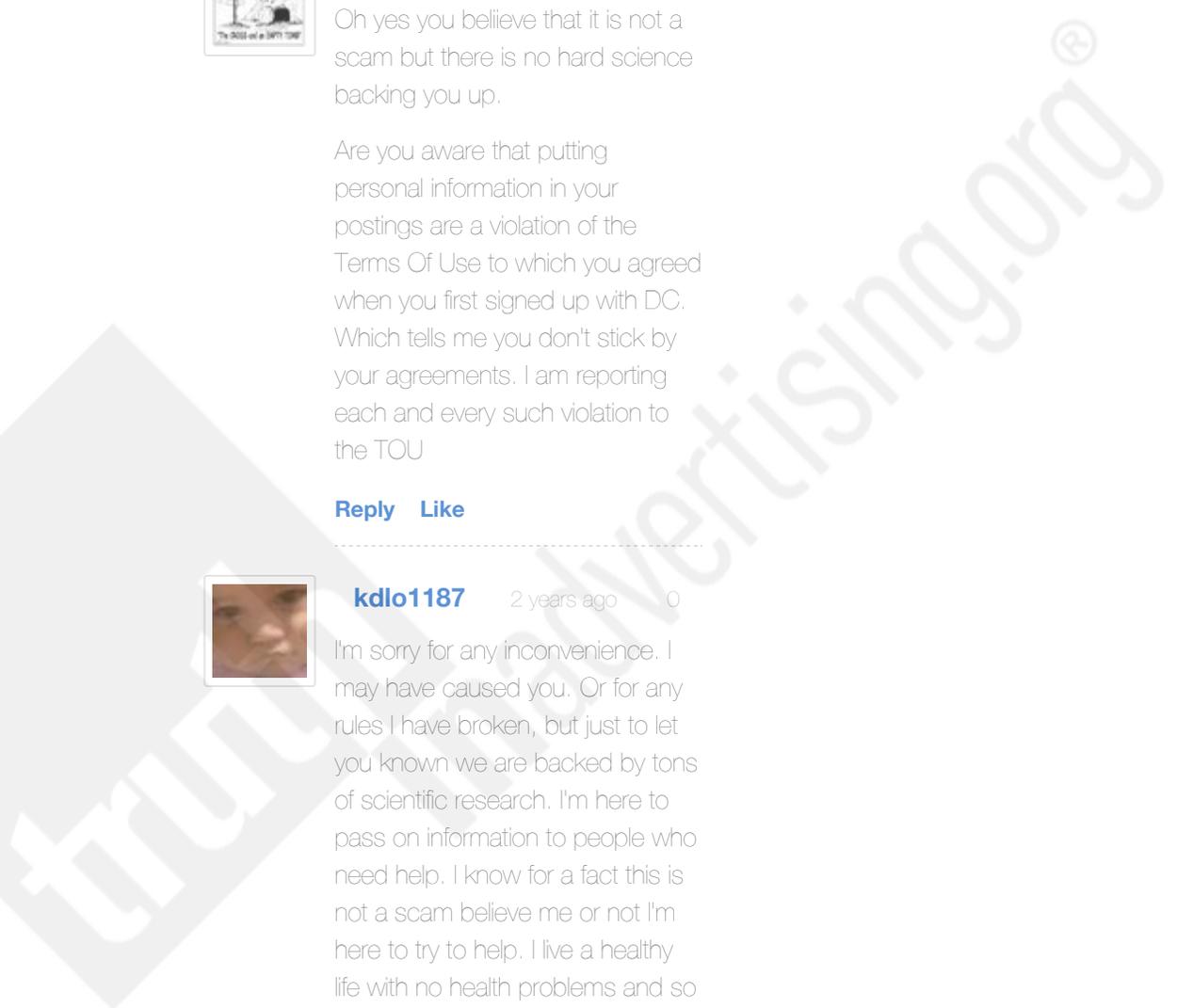
Are you aware that putting personal information in your postings are a violation of the Terms Of Use to which you agreed when you first signed up with DC. Which tells me you don't stick by your agreements. I am reporting each and every such violation to the TOU

[Reply](#) [Like](#)



**kdlo1187** 2 years ago 0

I'm sorry for any inconvenience. I may have caused you. Or for any rules I have broken, but just to let you known we are backed by tons of scientific research. I'm here to pass on information to people who need help. I know for a fact this is not a scam believe me or not I'm here to try to help. I live a healthy life with no health problems and so does my family. I think its kind of unfair of you to make accusation of things your not well informed of. But its your life . I know there are people out there who are looking for alternative for a better life and are truly trying to get healthier. I'm not going to waste time posting this up if it wasn't true. If you think I'm here trying to make money then your mistaking. I have plenty of it



thanks to this company. So to me its all about helping people. If you want the help and information,I have given you my information and I can put you contact with an actual scientist of the company that can help you with any question and he can supply you with any type of evidence. Its falls on you if you want the help or not. If you dont then good luck with everything. I hope you find something to believe in that can help youÉ

[Reply](#) [Like](#)



**Aneesh** 3 months ago 0

Are you still working with the company. I have a technical question and need to connect with a scientist at 4 life.

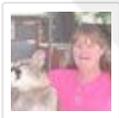
[Reply](#) [Like](#)



**jayabee52** 5 years ago 0

No, Mary, I haven't heard of this company or its products. I am generally pretty skeptical about something like that too, Mary! If they're a fairly new company usually the internet is flooded with testimonials. To get the independent reviews takes some time. Check back on them in about 6 mo to 1yr then there may be some independent reviews.

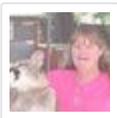
[Reply](#) [Like](#)



**MEGriff1950** 5 years ago 0

Thank you Jay, they are about 12 years old. I found 2 reviews but those only talked about their marketing plan.

[Reply](#) [Like](#)



**MEGriff1950** 5 years ago 0

I tried finding more information, complaints etc. About all I can find are testimonials about how great their products and moneymaking stratages are. Of course those are found posted by people selling the products.

[Reply](#) [Like](#)



**jayabee52** 5 years ago 0

Here is one site which reviews diet aides:  
<http://www.dietspotlight.com/slim-4-life-review/>

[Reply](#) [Like](#)



**donadoac** a year ago 0

i dont think thats the same company or product

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