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COVENANT HEALTH & GEOPOLITICAL INVESTIGATION

THE ALPHA-GAL INVESTIGATION

TICK-BORNE IMMUNE REPROGRAMMING, NATION-STATE CAPABILITIES,
AND THE COVENANT FOOD STANDARD

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Issued by: Elder Kepha Arcemont, Founder

Evidentiary Standard: Devarim (Deuteronomy) 19:15 — Two or Three Witnesses Required

EVIDENTIARY PREFACE

Devarim (Deuteronomy) 19:15 — *One witness shall not rise up against a man for any iniquity, or for any sin, in any sin that he sinneth: at the mouth of two witnesses, or at the mouth of three witnesses, shall the matter be established.*

This investigation applies the covenant evidentiary standard throughout. Claims are categorized as CONFIRMED (two or more independent witnesses), OPEN INVESTIGATION (plausible but insufficient witnesses for a verdict), or NOT CONFIRMED (claims examined and found to lack evidentiary support). No claim is elevated beyond its actual evidentiary weight. The power of this document rests in what is confirmed — and what is confirmed is substantial.

This document reaches the communities of Judaism, Christianity, and Islam simultaneously. The Tanakh (Torah, Nevi'im, Ketuvim) serves as the sole doctrinal authority. The Talmud, Church councils, and hadith serve as historical reference and corroboration only.

This investigation was initiated by questions from the covenant community: What is the tick that causes humans to reject red meat? Is it natural? Is it connected to governmental or foreign

experimentation? What do the food laws of the Covenant say? The answers are presented below in order of evidentiary strength.

PART I: THE BIOLOGY — HOW A TICK REPROGRAMS THE HUMAN BODY

SECTION 1.1 — THE CONDITION: ALPHA-GAL SYNDROME

The tick at the center of this investigation is the Lone Star tick (*Amblyomma americanum*), identified by a distinctive white spot on the adult female. It is prevalent throughout the American South, the Appalachian mountain region, the Midwest, and is expanding northward up the Eastern Seaboard. When this tick bites a person, its saliva introduces a carbohydrate molecule called alpha-gal (galactose-alpha-1,3-galactose) into the skin. In a significant portion of people, this event permanently alters how the immune system responds to red meat.

The resulting condition — Alpha-Gal Syndrome (AGS) — forces the immune system to treat the alpha-gal molecule in mammalian meat as a dangerous foreign invader. Every subsequent meal of beef, pork, lamb, venison, or other mammalian meat triggers an allergic reaction ranging from hives and nausea to anaphylactic shock and death. The reaction is uniquely delayed — appearing three to six hours after eating — making it extremely difficult to diagnose. Most patients suffer through multiple unexplained medical emergencies before the correct cause is identified.

Documented growth: Approximately 12 confirmed cases were documented in the United States in 2009. By 2024, the CDC estimated as many as **450,000 Americans** are affected. The condition went from medical obscurity to a national health concern within fifteen years.

SECTION 1.2 — WHY HUMANS ALONE ARE VULNERABLE: THE GGTA1 GENE

To understand why the tick's bite has this specific effect, it is necessary to begin where the Almighty began — with the human genome itself. This is not merely interesting science. It is the foundation of the entire investigation.

Virtually every mammal on earth — cattle, pigs, sheep, deer, horses — carries the alpha-gal molecule on the surface of its cells. It is produced by a gene called GGTA1 (alpha-1,3-galactosyltransferase). This gene has been active in mammals for over 100 million years. But in Old World primates — monkeys, apes, and human beings — this gene was silenced approximately 20 to 30 million years ago. The human genome still contains the GGTA1 gene, but it produces only a broken, non-functional transcript. Humans cannot synthesize alpha-gal.

Because humans cannot make alpha-gal, the immune system treats it as a foreign substance and produces antibodies against it as a baseline, from birth. Every healthy human naturally carries anti-alpha-gal IgM and IgG antibodies in their blood. This was designed as a protective mechanism — research indicates that the gene was silenced in human ancestors in response to pandemics of enveloped viruses that were cloaking themselves in alpha-gal to evade immune detection. Human ancestors who could no longer produce alpha-gal could no longer be tricked by those viruses. The survivors were

those who lost the gene. Subsequent research confirmed that loss of GGTA1 function also enhances resistance to bacterial sepsis.

In plain covenant terms: the Almighty built into the human body a pre-existing defense against alpha-gal. For millions of years, the alpha-gal in consumed meat was digested and cleared without incident, because the immune system's baseline antibodies against it (IgM and IgG class) were not programmed to trigger severe reactions. The tick changed this.

SECTION 1.3 — THE MECHANISM: HOW THE TICK CONVERTS PROTECTION INTO ATTACK

What the Lone Star tick accomplishes inside the human body is not a simple infection. It is an immune system reprogramming event. The scientific community openly acknowledges they do not fully understand all the mechanisms involved — which itself warrants attention.

STEP 1: THE BITE AND SALIVA INTRODUCTION

When the tick bites, it does not merely withdraw blood. It injects saliva back into the skin. That saliva carries alpha-gal molecules bound to tick proteins. The skin's immune system encounters these molecules in a context designed by the tick to suppress normal inflammatory responses and promote a specific type of immune activation.

STEP 2: THE HIJACK — PROSTAGLANDIN E2 AND IGE CLASS SWITCHING

The Lone Star tick's saliva contains a biochemical signaling compound called prostaglandin E2. Research published in peer-reviewed immunology journals has documented that this compound triggers a process called immunoglobulin class switching. The body's B cells — which were already producing ordinary IgM and IgG antibodies against alpha-gal — are converted into cells that now produce IgE antibodies against alpha-gal instead.

This conversion is the central act of the reprogramming. IgM and IgG are the body's standard defensive antibody classes. IgE is the class associated with severe allergic reactions and anaphylaxis. Your body normally produces IgE only against things like bee venom, peanuts, or pollen. The tick uses its own saliva chemistry to re-class the human immune system, turning a manageable defense into a potentially lethal allergic response — against a molecule present in every piece of beef, pork, or lamb a person might eat for the rest of their life.

STEP 3: THE DELAYED REACTION — WHY IT IS SO HARD TO IDENTIFY

Most food allergies cause reactions within minutes of exposure. Alpha-gal syndrome is uniquely different. The alpha-gal molecule in red meat is bound to lipids (fats) rather than proteins. This means it must first be digested and absorbed through the fat metabolism pathway before it enters the bloodstream and encounters the newly sensitized IgE antibodies. This process takes three to six hours — long after the meal has been forgotten. The patient wakes in the middle of the night in anaphylaxis with no apparent cause.

STEP 4: LIFE-THREATENING MEDICATION INTERACTIONS

Alpha-gal is not only present in red meat. It is present in animal-derived pharmaceutical products, including the cancer drug cetuximab and the blood thinner heparin (derived from pig intestines). Patients with AGS who are given these medications without proper screening are at risk of fatal anaphylactic reactions. Multiple deaths from medication-triggered AGS reactions have been documented in the medical literature.

PART II: THE HISTORICAL RECORD OF TICK-BASED BIOWEAPONS

Before assessing whether AGS itself was engineered, it is necessary to establish what is confirmed about the historical use of ticks and insects as biological weapons. The following is not speculation or conspiracy — these are documented historical facts with multiple independent witnesses.

SECTION 2.1 — THE UNITED STATES: FORT DETRICK AND PLUM ISLAND

The United States operated an extensive entomological warfare program during and after World War II, headquartered at Fort Detrick, Maryland. Declassified records confirm that facilities at Fort Detrick were designed to produce 100 million yellow fever-infected mosquitoes per month, deliverable by aerial bombs. The facility also bred 50 million fleas per week and experimented with insects as vectors for anthrax, cholera, dengue, dysentery, malaria, relapsing fever, and tularemia.

Plum Island Animal Disease Center, located off the coast of Long Island, New York, was established as a classified U.S. government biological research facility. Declassified documents confirmed that biological warfare experiments were conducted there. Sources cited in investigative works on the facility have claimed that infected ticks were released outdoors on the island in the 1950s by researchers with connections to post-World War II German scientific programs.

In 2019, the United States House of Representatives passed an amendment ordering the Pentagon to investigate whether it had performed experiments with ticks and other insects for use as biological weapons between 1950 and 1975. Representative Chris Smith stated on the House floor that interviews combined with access to a scientist's files suggested that bioweapons specialists had stuffed ticks with pathogens to cause severe disability, disease, and death. He asked publicly whether these experiments caused tick-borne diseases to mutate and spread.

CONFIRMED: The U.S. government ran tick-based entomological warfare research. Congress mandated a Pentagon investigation. Declassified documents confirm pathogen research at Plum Island. These are matters of public record.

SECTION 2.2 — THE SOVIET UNION: BIOPREPARATORY AND DOCUMENTED TICK WEAPONS

The Soviet Union operated the largest and most sophisticated biological weapons program in documented history — Biopreparat. Established in 1974 under civilian cover, Biopreparat employed between 30,000 and 40,000 personnel across five major research institutes, three pilot plants, and five production facilities — all in direct violation of the Biological Weapons Convention the Soviet Union had signed in 1972.

Documents obtained by the CIA during the Cold War showed that Soviet scientists were conducting bioweapons-related experiments specifically on ticks, including exploring ways to make ticks reproduce more rapidly, selectively crossbreeding tick species so they could carry disease agents that caused tick-borne encephalitis, and dropping infected ticks from aircraft and balloons. This intelligence directly triggered the United States entomological bioweapons race.

The Soviet program used ticks to transmit foot-and-mouth disease as an anti-livestock weapon, and used avian ticks to transmit *Chlamydomyces psittaci* to chickens. Soviet defectors who later became key intelligence assets confirmed that by 1984, the top priority of the Biopreparat five-year plan was altering the genetic structure of known pathogens to make them resistant to Western antibiotics. Scientists were also developing new classes of weapons described as bioregulators — compounds capable of modifying human moods, emotions, heart rhythms, and sleep patterns.

CONFIRMED: The Soviet Union used ticks as bioweapon delivery systems. They crossbred tick species for enhanced pathogen carrying. They dropped infected ticks from aircraft. This is confirmed by CIA intelligence, congressional testimony, and multiple defector accounts.

PART III: NATION-STATE CAPABILITIES — HONEST ASSESSMENT

The question before this investigation is whether any nation-state has the capability to engineer alpha-gal syndrome into the American Lone Star tick population, and whether any evidence exists that this has been done. Each nation is assessed separately, applying the two-or-three-witness standard rigorously.

SECTION 3.1 — UNITED KINGDOM: OXITEC AND THE ROSLIN INSTITUTE

Beginning in 2021, the Bill and Melinda Gates Foundation funded a program by Oxitec Ltd — a British biotechnology company — to develop genetically modified ticks. The research is conducted in collaboration with the Roslin Institute in Edinburgh, Scotland, one of the world's foremost livestock research organizations. Oxitec received an initial grant of \$1.5 million, followed by an additional \$4.85 million grant in 2024.

The tick being modified is the Asian blue tick (*Rhipicephalus microplus*), not the Lone Star tick. The goal of the program is population suppression through Oxitec's 'Friendly' technology — inserting a self-limiting gene into male ticks so that offspring they produce do not survive to adulthood, reducing tick populations in cattle-farming regions. All research has been conducted in UK laboratories only. No field releases have occurred as of this writing.

The confirmed significance of the UK program is not that it caused AGS, but that it demonstrates the technology to genetically modify ticks now exists and is being actively advanced in Western laboratories with private philanthropic funding. The infrastructure for tick genetic modification is real, funded, and operational.

CONFIRMED: UK labs are actively developing genetically modified ticks. The technology is real.

NOT CONFIRMED: Any connection between the UK/Oxitec program and alpha-gal syndrome in Lone Star ticks. Different species, different mechanisms.

SECTION 3.2 — RUSSIA: CONTINUING CAPABILITY

Russia inherited the full infrastructure and scientific personnel of the Soviet Biopreparat program. While Russia has publicly stated that the offensive biological weapons program was terminated, multiple independent assessments — including U.S. government reports — have noted that Biopreparat-era facilities remain operational under new designations, and that key scientific personnel were never fully accounted for or monitored.

Russia possesses documented historical capability to modify tick biology, use ticks as vectors, and breed ticks at scale. Whether this capability has been applied to alpha-gal syndrome specifically cannot be

determined from available open-source evidence. What is confirmed is that Russia has both the historical precedent and the scientific infrastructure to pursue such a program.

CONFIRMED: Russia has documented historical tick bioweapon capability and Biopreparat infrastructure.

OPEN INVESTIGATION: Whether current Russian programs have engaged with alpha-gal enhancement. No confirmed witnesses.

SECTION 3.3 — ISRAEL: IIBR AND STRATEGIC AMBIGUITY

Israel operates the Israel Institute for Biological Research (IIBR) at Ness Ziona, approximately ten kilometers south of Tel Aviv. The IIBR was founded in 1952, evolving from Hemed Bet, the Haganah's biological warfare unit. The institute operates directly under the Prime Minister's Office with a fully classified budget. Israel is not a signatory to the Biological Weapons Convention.

The Carnegie Endowment for International Peace has assessed that Israel possesses advanced chemical and biological weapons capabilities. A 1983 CIA intelligence estimate — later declassified and reported by Foreign Policy — noted the detection by U.S. satellites of a probable chemical weapons production facility in Israel. Israel has consistently applied a policy of deliberate ambiguity, neither confirming nor denying its capabilities.

Notably, since 1992, IIBR has operated a dedicated national laboratory for the diagnosis of diseases caused by Rickettsia, Ehrlichia, and Leptospira — all tick-borne organisms. This places tick-borne pathogen research within IIBR's publicly acknowledged scope. All scientists at IIBR are required to sign lifetime confidentiality agreements.

The confirmed significance here is that a nation with advanced biological research capabilities, a history of bioweapons development, no BWC obligation, and a dedicated tick-borne disease laboratory operates under conditions of near-total secrecy. Whether its research has touched alpha-gal syndrome is not confirmable from open sources.

CONFIRMED: IIBR exists, is not BWC-bound, is classified, and has a documented tick-borne disease research program.

NOT CONFIRMED: Any specific connection between IIBR and alpha-gal syndrome or Lone Star tick modification.

SECTION 3.4 — CHINA: EXTENSIVE TICK RESEARCH, NO AGS-SPECIFIC EVIDENCE

China has produced an extensive body of peer-reviewed research on tick-borne pathogens across its diverse geographic regions. Newly identified Rickettsia species, Anaplasma variants, and tick viruses have been catalogued by Chinese government-funded researchers in publications indexed in

international scientific databases. China has the biological research infrastructure to study tick immunology at an advanced level.

On the bioweapons front, China is a signatory to the Biological Weapons Convention but has been accused of non-compliance. The documented dual-use research programs at institutions such as the Wuhan Institute of Virology demonstrate China's capability in vector and pathogen research. However, no open-source evidence connects Chinese military or civilian programs to Lone Star tick modification or alpha-gal syndrome specifically. China's native tick species differ from the American Lone Star tick.

CONFIRMED: China has substantial tick-borne disease research infrastructure and dual-use biological research capability.

NOT CONFIRMED: Any specific connection to AGS or Lone Star tick modification.

SECTION 3.5 — NORTH KOREA

North Korea maintains a biological weapons program that is among the least transparent in the world. Confirmed agents under development include anthrax, plague, cholera, and smallpox. The molecular biology infrastructure required to specifically modify tick galactosyltransferase pathways — the mechanism that would be necessary to engineer AGS into a tick population — represents a level of technical sophistication that is not documented in available assessments of North Korea's program.

CONFIRMED: North Korea has a general biological weapons program.

NOT CONFIRMED: Tick-specific or AGS-related capability. Insufficient evidence.

PART IV: THE AGENDA ON THE RECORD

SECTION 4.1 — DR. S. MATTHEW LIAO AND THE WORLD ECONOMIC FORUM

The following statements are not classified documents or anonymous intelligence. They are on-the-record, published positions by named individuals in institutional positions of authority. They require no speculation to examine. The evidentiary weight is direct.

Dr. S. Matthew Liao serves as Director of the Center for Bioethics at New York University. In 2012, he published an academic paper in the peer-reviewed journal *Ethics, Policy and Environment* titled 'Human Engineering and Climate Change.' In it, he proposed biomedical modifications to reduce meat consumption among humans, including the artificial induction of mild intolerance to red meat through immune system stimulation against bovine proteins.

In a documented 2016 interview, Dr. Liao stated on record:

Dr. S. Matthew Liao, 2016 — on record — *"There's this thing called the Lone Star tick where if it bites you, you will become allergic to meat. So that's something we can do through human engineering. We can possibly address really big world problems through human engineering."*

This statement was not a fringe position voiced in private. It was offered in a professional academic context as a serious policy proposal. A man affiliated with global bioethics bodies named the Lone Star tick by name as a mechanism for eliminating human red meat consumption.

SECTION 4.2 — THE 2025 BIOETHICS PUBLICATION

In October 2025, two bioethics professors at Western Michigan University — Parker Crutchfield and Blake Hereth — published a paper in the academic journal *Bioethics* titled 'Beneficial Bloodsucking.' Their central argument: if eating meat is morally impermissible, then efforts to prevent the spread of tick-borne alpha-gal syndrome would also be morally impermissible — because preventing the spread of AGS would preserve people's ability to eat meat.

This is a peer-reviewed academic argument published in a credentialed journal, asserting that governments and medical systems should not work to prevent the spread of a dangerous, potentially fatal food allergy — because the allergy produces a dietary outcome that aligns with certain ideological goals. This is documented. It is not fringe. It appeared in a mainstream bioethics publication.

SECTION 4.3 — THE WORLD ECONOMIC FORUM'S STATED POSITION

The World Economic Forum, in its publicly documented '8 Predictions for 2030' series, stated that by 2030 people will eat much less meat — framing it as an occasional treat rather than a dietary staple,

citing environmental and health rationales. This position has been elaborated in multiple WEF publications, conferences, and affiliated research programs advocating for the replacement of animal proteins with alternative proteins, lab-grown meat, and insect-derived foods.

The convergence of this stated institutional goal with the biological outcome of a condition that has grown from near zero to 450,000 affected Americans in fifteen years does not require engineering to be significant. Whether the agenda is driving the biology, exploiting it, or simply benefiting from coincidence — the people who hold this agenda and the conditions that serve it are now running on parallel tracks. That is a documented fact, not an inference.

PART V: VACCINES, COVID-19, AND ALPHA-GAL SYNDROME

SECTION 5.1 — STANDARD VACCINES AND ANIMAL-DERIVED INGREDIENTS

This section addresses a confirmed and documented concern that receives insufficient attention in mainstream medical discourse. Multiple common vaccines in the standard American immunization schedule contain animal-derived ingredients — including mammalian gelatin — that carry the alpha-gal molecule. This is confirmed by the CDC on its own public website, and by multiple peer-reviewed immunology studies.

Vaccines confirmed to contain mammalian (bovine or porcine) gelatin carrying alpha-gal include: the MMR vaccine (measles, mumps, rubella), the varicella (chickenpox) vaccine, the yellow fever vaccine, the FluMist nasal spray flu vaccine, and older formulations of the shingles vaccine (Zostavax). The newer Shingrix shingles vaccine does not contain porcine gelatin. Standard injectable flu shots and the mRNA COVID-19 vaccines do not contain mammalian gelatin.

Peer-reviewed research has confirmed that these gelatin-containing vaccines trigger basophil activation — the specific immune mechanism that generates allergic reactions — in patients with alpha-gal syndrome. Studies have documented cases of anaphylaxis following MMR and varicella vaccination in patients with pre-existing AGS sensitization. Cases were logged in the FDA's Vaccine Adverse Event Reporting System (VAERS) database.

The practical implication is serious: if a child or adult has already been sensitized to alpha-gal by a tick bite — or carries a genetic predisposition — the routine administration of gelatin-containing vaccines can trigger an acute immune response that amplifies the IgE antibody load against alpha-gal, worsening or accelerating the condition. The pediatric vaccine schedule, as currently constructed, contains multiple alpha-gal exposures via gelatin that are not flagged to parents or providers in the context of tick-bite history.

SECTION 5.2 — COVID-19 MRNA VACCINES AND AGS

The question of whether COVID-19 mRNA vaccines cause or contribute to alpha-gal syndrome requires precision. Applying the two-witness standard:

First: The Moderna and Pfizer-BioNTech mRNA COVID-19 vaccines do not contain ingredients of animal origin. They do not carry alpha-gal. They cannot cause AGS through the direct alpha-gal sensitization pathway. This is confirmed by ingredient analysis and is the accurate scientific position.

Second: Post-Vaccination Syndrome (PVS) — a documented condition of chronic immune dysregulation following COVID-19 vaccination — has been confirmed by research published by Yale University. Patients with PVS show measurable differences in immune cell populations, including lower levels of effector CD4+ T cells and higher levels of TNF-alpha+ CD8 T cells. Spike protein persistence is among the variables being studied as a contributing factor.

Third: Research published in peer-reviewed immunology journals has established that the human body's pre-existing anti-alpha-gal immune response is part of its natural antiviral defense system. The alpha-gal antibodies produced by the human immune system as a baseline (IgM and IgG class) protect against pathogens that carry or mimic alpha-gal. Whether large-scale mRNA-induced immune retraining affects this baseline protective response has not been studied.

The honest position: the mRNA vaccines did not cause alpha-gal syndrome directly. However, mRNA vaccine-induced immune dysregulation at scale is documented, and whether this dysregulation intersects with the alpha-gal immune axis in ways that increase susceptibility to tick-induced AGS sensitization is an open and inadequately researched question.

PART VI: THE COVENANT FOOD STANDARD — THE TORAH WAS THERE FIRST

The most remarkable finding of this investigation is not found in CIA files, WEF publications, or laboratory reports. It is found in Vayikra (Leviticus) and Devarim (Deuteronomy), written over 3,400 years ago. The covenant food standard revealed through Mosheh (Moses) aligns with extraordinary precision to what modern immunology has confirmed about alpha-gal biology.

SECTION 6.1 — THE CLEAN AND UNCLEAN DISTINCTION IN ALPHA-GAL TERMS

Vayikra (Leviticus) 11:2-3 — *Speak unto the children of Israel, saying: These are the living things which ye may eat among all the beasts that are on the earth. Whatsoever parteth the hoof, and is wholly cloven-footed, and cheweth the cud, among the beasts, that may ye eat.*

The Torah's permitted and prohibited food categories, when examined through the lens of alpha-gal biology, reveal a correspondence that cannot be dismissed as coincidental.

- Permitted mammalian meat (cattle, sheep, goat — animals with split hooves that chew the cud): These animals DO carry alpha-gal. However, they are the same animals consumed by human beings throughout history in the context of the covenant food law, and under normal conditions the human body manages the alpha-gal content of cooked muscle meat through its standard IgM/IgG antibody response. The problem only arises after tick-induced IgE class switching.
- Prohibited mammalian meat (swine): Pork is consistently identified in the peer-reviewed literature as one of the highest alpha-gal concentration foods. Internal organs — specifically pig kidney — trigger the fastest and most severe reactions in AGS patients. A person sensitized by a tick bite who continues to consume swine products is re-triggering and amplifying their IgE response against alpha-gal with every meal.
- Permitted non-mammalian meat (fish with fins and scales, permitted fowl): Fish and birds do not carry alpha-gal. Alpha-gal is found only in the tissues of non-primate mammals. The permitted categories of Torah food that are not mammalian — fish, chicken, turkey — are precisely the foods that patients with alpha-gal syndrome are told by allergists they can safely continue to eat. The Torah drew this line 3,400 years before immunology confirmed why.
- Prohibited bottom-feeders and scavengers (shellfish, fish without fins and scales, birds of prey): These categories carry documented associations with the pathogenic bacteria — including Salmonella, Pseudomonas, and Staphylococcus species — that possess the alpha-1,3-galactosyltransferase enzyme. These bacteria can introduce additional alpha-gal load into the human gut, potentially contributing to immune sensitization.

SECTION 6.2 — THE COVENANT WITNESS THE TORAH MAKES

The Creator who silenced the GGTA1 gene in human beings 20 to 30 million years ago — making the human body inherently reactive to alpha-gal as foreign — is the same Almighty who gave the covenant food standard through Mosheh (Moses). The gene was silenced as a survival mechanism. The food law was given as a covenant protection. Both address the same biological reality from two different vantage points across millions of years.

Yahweh (יהוה) designed the human body to treat alpha-gal as a foreign substance. **Yahweh (יהוה)** gave covenant instructions that — followed precisely — would have protected the covenant people from the highest-risk alpha-gal concentrations in pork, from the pathogen-carrying organisms in shellfish and bottom-feeders, and from the scavenger bird vectors of multiple disease systems. Whether or not alpha-gal syndrome was ever engineered by human hands, the Torah was already the correct protection against its worst consequences.

Devarim (Deuteronomy) 4:40 — *Thou shalt keep therefore his statutes, and his commandments, which I command thee this day, that it may go well with thee, and with thy children after thee, and that thou mayest prolong thy days upon the earth.*

PART VII: THE COVENANT VERDICT

The following table applies the Devarim 19:15 two-or-three-witness standard to each claim examined in this investigation. Claims are not elevated beyond their evidentiary weight.

CLAIM	VERDICT	BASIS
Alpha-gal syndrome is a real and growing medical condition	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
The tick bite-to-IgE class-switching mechanism is scientifically established	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
AGS has grown from ~12 cases (2009) to ~450,000 (2024)	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
The U.S. government ran tick-based bioweapon programs	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
The Soviet Union used ticks as bioweapon vectors	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
Congress mandated a Pentagon investigation into weaponized ticks	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
UK labs are actively developing genetically modified ticks	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
WEF-linked academic Liao named the Lone Star tick as a meat-elimination tool	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
Academic paper argued preventing AGS spread is morally wrong (2025)	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
Vaccines containing mammalian gelatin can trigger and amplify AGS	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
CDC acknowledges alpha-gal in vaccine additives and stabilizers	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
Torah food prohibitions align with alpha-gal biology	CONFIRMED	Multiple independent scientific/historical/documentary witnesses
mRNA COVID-19 vaccines directly cause alpha-gal syndrome	NOT CONFIRMED	mRNA vaccines contain no animal-derived alpha-gal; no documented case series
mRNA immune dysregulation may affect alpha-gal defense axis	OPEN INVESTIGATION	Plausible mechanism or capability identified; insufficient witnesses for verdict
Russia has engaged alpha-gal enhancement specifically	OPEN INVESTIGATION	Plausible mechanism or capability identified; insufficient witnesses for verdict

CLAIM	VERDICT	BASIS
Israel's IIBR has engaged alpha-gal research	OPEN INVESTIGATION	Plausible mechanism or capability identified; insufficient witnesses for verdict
Any nation-state engineered AGS into the Lone Star tick population	NOT CONFIRMED — Insufficient Witnesses	No open-source evidence across any nation-state; natural expansion has multiple independent witnesses

CONCLUSION: WHAT THE COVENANT PEOPLE MUST KNOW

This investigation set out to answer a set of serious questions: What is the tick that causes the human body to reject red meat? How is this biologically possible? Is it connected to nation-state experimentation? What do the food laws of the covenant say?

The answers this investigation can honestly deliver are more powerful than speculation, because they are confirmed.

The biological mechanism is real, documented, and confirmed by multiple independent research teams. A tick's saliva can permanently convert the human immune system from a manageable defense against alpha-gal into a life-threatening allergic apparatus — and it accomplishes this through the injection of prostaglandin E2, a natural biochemical compound, that triggers immunoglobulin class switching. No genetic engineering of the tick is required for this mechanism to function. The mechanism has existed as long as the tick has existed.

The convergence of confirmed facts demands that the covenant people remain watchful and informed. Men of institutional power have stated on the record — in peer-reviewed journals and on video — that they view the Lone Star tick as a desirable instrument for eliminating human meat consumption. A condition that accomplishes exactly this has expanded from near-zero to 450,000 Americans in fifteen years. Whether that expansion is a natural ecological event, an opportunistic alignment, or something more deliberate cannot be confirmed from available evidence. What cannot be dismissed is that the outcome serves a stated agenda.

The nation-states with historical or current capability to engineer such an outcome — the United States, Russia, the United Kingdom, Israel, and China — all have confirmed biological research programs touching on tick biology, pathogen enhancement, or vector modification. None of them can be confirmed to have specifically engineered alpha-gal syndrome into the American Lone Star tick. The Devarim 19:15 standard does not allow this investigation to issue that verdict. But the standard also does not require us to be naive about what documented capability means.

What the Covenant does require is this: the food laws given through Mosheh (Moses) were correct. They were correct when written. They remain correct now. The human body was designed by its Creator to treat alpha-gal as foreign — and the covenant food standard, followed precisely, protects against the highest-risk concentrations of that molecule and the pathogenic organisms most associated with immune system compromise. Whether alpha-gal syndrome was ever man-made or not, the Torah was already the answer.

Yahweh (יהוה) our **Elohim (אֱלֹהִים)** does not give His people instructions without reason. The reason the food laws were given may not have been fully visible to ancient eyes. It is becoming visible now.

Devarim (Deuteronomy) 7:11 — *Thou shalt therefore keep the commandment, and the statutes, and the judgments, which I command thee this day, to do them.*

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**REACHING JUDAISM, CHRISTIANITY, AND ISLAM SIMULTANEOUSLY THROUGH THE COVENANT OF
THE TORAH**