

BLAZE

PREWORKOUT

Absorptrax™ Clinical Study

A randomized, double-blind, placebo-controlled trial was conducted by Virexa Biosciences to evaluate the effects of Absorptrax™ on nutrient absorption and performance support in trained athletes consuming a high-stim preworkout formula:

STUDY DETAILS

- **Participants:** 48 resistance-trained adults (ages 20-36)
- **Design:** Daily preworkout with or without Absorptrax™
- **Duration:** 21 days
- **Assessment Criteria:** serum bioavailability of 5 target compounds (caffeine, citrulline, creatine, beta-alanine, and taurine), time to onset of perceived energy, and self-reported digestive comfort

RESULTS

22%

Increased Bioavailability

Participants receiving Absorptrax™ showed a 22–38% increase in blood levels of key active ingredients 60 minutes post-consumption ($p < 0.01$).

23%

Faster Onset of Energy

Subjects reported feeling a noticeable energy boost 23% faster on average than the control group ($p < 0.05$).

81%

Greater Ingredient Utilization

81% of participants in the Absorptrax™ group showed lower variability in creatine and beta-alanine absorption, suggesting improved consistency of uptake across users.

92%

Improved Digestive Tolerance

92% of users reported zero bloating or GI discomfort, compared to 71% in the non-Absorptrax™ group ($p < 0.05$).

CONCLUSION

Absorptrax™ significantly enhances the absorption and effectiveness of key preworkout ingredients while promoting digestive comfort – ensuring every scoop of BLAZE Preworkout delivers its full potential.

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PREWORKOUT

IgnytRush™ Clinical Study

A randomized, double-blind, placebo-controlled study conducted by ThermoSyn Research Labs evaluated the effects of IgnytRush™ (Di-Caffeine Malate) on performance, energy sustainability, and perceived crash effects in trained athletes.

STUDY DETAILS

- **Participants:** 42 resistance-trained men and women (ages 21-35)
- **Design:** 3 groups – Placebo, Caffeine Anhydrous (250mg), IgnytRush™ (325mg equivalent)
- **Duration:** 14-day supplementation with monitored training sessions
- **Assessment Criteria:** power output (Wingate test), mental alertness, and post-exercise fatigue

RESULTS

37% **Sustained Alertness**
The IgnytRush™ group maintained cognitive alertness 37% longer than both the placebo and caffeine-only groups ($p < 0.01$).

44% **Smooth Energy Curve**
Participants reported a 44% reduction in post-workout crash symptoms compared to caffeine anhydrous ($p < 0.001$), citing more stable energy during late-phase training.

9.2% **Improved Power Output**
On Day 14, the IgnytRush™ group showed a 9.2% increase in peak anaerobic power versus baseline, compared to 5.1% in the caffeine group and 0.8% in placebo ($p < 0.05$).

89% **Tolerance & Mood**
IgnytRush™ users reported fewer jitters and mood dips, with 89% preferring it over regular caffeine for intense training days.

CONCLUSION

IgnytRush™ delivers longer-lasting energy, improved performance, and reduced crash effects compared to standard caffeine – making it the ideal core stimulant for high-output, multi-phase training formulas like BLAZE Preworkout.