

Legendary Drop Rates - Diablo 3, Barbarian, Patch 2.4.1

tl;dr

- Cube weapons with the rare-to-legendary-cube-recipe (25 death breath).
- Gamble armour sets at Kadala. Do not gamble for weapons/amulets!
- Farm machines and craft Hellfire amulets.
- Keep one weapon extra so you can re-roll it via legendary-reroll-cube-recipe (50 souls) and hope for the 1 out of 10 chance to roll it as ancient.

Available Sheets

- Armour
- One-Handed Weapon + Shield
- Two-Handed Weapon
- Jewelry

Rolling a legendary

If a legendary is generated it rolls item type first. This step can be skipped by gambling for a specific type at Kadala* or cubing a specific base (2H mighty weapon).

Once the type is selected the item rarity takes effect. It describes how likely it is that a specific item will be generated.

All items in the list are calculated for the normal version.

Ancient chance is 10%. If you want the odds for an ancient version you need to increase the odds of the normal version by a factor of 10! (Thus it is ten times less likely to get it)

* Some item types like one-handed swords cannot be gambled directly. They share gamble type with all other one-handed weapons (axes, maces etc.).

This makes gambling for a specific weapon way harder.

			Legendary Belt Drop			Belt Gamble				
			chance	# drops / cubes		chance	# gambles			
Belt	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000	drops	drops
Blackthorne's Notched Belt	100	9.30%	10.8	86%	100%	215	61%	100%	20	200
Cord of the Sherma	100	9.30%	10.8	86%	100%	215	61%	100%	blood shard cost armour	
Goldwrap	100	9.30%	10.8	86%	100%	215	61%	100%	25	
Krelm's Buff Belt	100	9.30%	10.8	86%	100%	215	61%	100%	blood shards	blood shards
Saffron Wrap	100	9.30%	10.8	86%	100%	215	61%	100%	5000	50000
Sash of Knives	100	9.30%	10.8	86%	100%	215	61%	100%	gambles	gambles
Thundergod's Vigor	100	9.30%	10.8	86%	100%	215	61%	100%	200	2000
Vigilante Belt	100	9.30%	10.8	86%	100%	215	61%	100%	legendary gamble chance	
Harrington Waistguard	50	4.65%	21.5	61%	100%	430	37%	99%	10	
Hellcat Waistguard	50	4.65%	21.5	61%	100%	430	37%	99%	item types in belt category	
Razor Strop	50	4.65%	21.5	61%	100%	430	37%	99%	2	
Sebor's Nightmare	50	4.65%	21.5	61%	100%	430	37%	99%	item types in armour category	
String of Ears	50	4.65%	21.5	61%	100%	430	37%	99%	1	
The Witching Hour	25	2.33%	43.0	38%	99%	860	21%	90%	death breath cube cost	
	1075	100.00%							25	
			Legendary Boots Drop			Boots Gamble				
			chance	# drops / cubes		chance	# gambles			
Boots	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000		
Blackthorne's Spurs	100	12.90%	7.8	94%	100%	78	93%	100%		
Foundation of the Earth	100	12.90%	7.8	94%	100%	78	93%	100%		
Fire Walkers	100	12.90%	7.8	94%	100%	78	93%	100%		
Immortal King's Stride	100	12.90%	7.8	94%	100%	78	93%	100%		
Irontoe Mudspitters	100	12.90%	7.8	94%	100%	78	93%	100%		
Raekor's Striders	100	12.90%	7.8	94%	100%	78	93%	100%		
Sabaton of the Wastes	100	12.90%	7.8	94%	100%	78	93%	100%		
Lut Socks	50	6.45%	15.5	74%	100%	155	73%	100%		
Ice Climbers	25	3.23%	31.0	48%	100%	310	48%	100%		
	775	100.00%								
			Legendary Bracers Drop			Bracers Gamble				
			chance	# drops / cubes		chance	# gambles			
Bracers	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000		
Custerian Wristguards	100	10.26%	9.8	89%	100%	98	87%	100%		
Krelm's Buff Bracers	100	10.26%	9.8	89%	100%	98	87%	100%		
Vambraces of Sescheron	100	10.26%	9.8	89%	100%	98	87%	100%		
Skular's Salvation	100	10.26%	9.8	89%	100%	98	87%	100%		
Bracers of First Men	100	10.26%	9.8	89%	100%	98	87%	100%		
Bracers of Destruction	100	10.26%	9.8	89%	100%	98	87%	100%		
Trag'Oul Coils	100	10.26%	9.8	89%	100%	98	87%	100%		
Ancient Parthan Defenders	50	5.13%	19.5	65%	100%	195	64%	100%		
Nemesis Bracers	50	5.13%	19.5	65%	100%	195	64%	100%		
Promise of Glory	50	5.13%	19.5	65%	100%	195	64%	100%		
Strongarm Bracers	50	5.13%	19.5	65%	100%	195	64%	100%		
Warzechian Armguards	50	5.13%	19.5	65%	100%	195	64%	100%		
Lacuni Prowlers	25	2.56%	39.0	41%	99%	390	40%	99%		
	975	100.00%								
			Legendary Chest Drop			Chest Gamble				
			chance	# drops / cubes		chance	# gambles			
Chest	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000		
Aquila Cuirass	100	9.52%	10.5	86%	100%	105	85%	100%		
Blackthorne's Surcoat	100	9.52%	10.5	86%	100%	105	85%	100%		
Chainmail	100	9.52%	10.5	86%	100%	105	85%	100%		
Cuirass of the Wastes	100	9.52%	10.5	86%	100%	105	85%	100%		
Goldskin	100	9.52%	10.5	86%	100%	105	85%	100%		
Spirit of the Earth	100	9.52%	10.5	86%	100%	105	85%	100%		
Immortal King's Eternal Reign	100	9.52%	10.5	86%	100%	105	85%	100%		
Raekor's Heart	100	9.52%	10.5	86%	100%	105	85%	100%		
Shi Mizu's Haori	100	9.52%	10.5	86%	100%	105	85%	100%		
Tyrael's Might	100	9.52%	10.5	86%	100%	105	85%	100%		
Cindercoat	50	4.76%	21.0	62%	100%	210	62%	100%		
	1050	100.00%								
			Legendary Gloves Drop			Gloves Gamble				
			chance	# drops / cubes		chance	# gambles			
Gloves	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000		

Gauntlet of the Wastes	100	10.81%	9.3	90%	100%	93	89%	100%
Gladiator Gauntlets	100	10.81%	9.3	90%	100%	93	89%	100%
Immortal King's Irons	100	10.81%	9.3	90%	100%	93	89%	100%
Pull of the Earth	100	10.81%	9.3	90%	100%	93	89%	100%
Raekor's Wraps	100	10.81%	9.3	90%	100%	93	89%	100%
St. Archew's Gage	100	10.81%	9.3	90%	100%	93	89%	100%
Stone Gauntlets	100	10.81%	9.3	90%	100%	93	89%	100%
Magefist	100	10.81%	9.3	90%	100%	93	89%	100%
Frostburn	100	10.81%	9.3	90%	100%	93	89%	100%
Tasker and Theo	25	2.70%	37.0	42%	100%	370	42%	100%
	925	100.00%						
			Legendary Helm Drop			Helm Gamble		
			chance	# drops / cubes		chance	# gambles	
Helm	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000
Blind Faith	100	10.00%	10.0	88%	100%	100	87%	100%
Broken Crown	100	10.00%	10.0	88%	100%	100	87%	100%
Deathseer's Cowl	100	10.00%	10.0	88%	100%	100	87%	100%
Eyes of the Earth	100	10.00%	10.0	88%	100%	100	87%	100%
Helm of the Wastes	100	10.00%	10.0	88%	100%	100	87%	100%
Immortal King's Triumph	100	10.00%	10.0	88%	100%	100	87%	100%
Mempo of Twilight	100	10.00%	10.0	88%	100%	100	87%	100%
Raekor's Will	100	10.00%	10.0	88%	100%	100	87%	100%
Leoric's Crown	100	10.00%	10.0	88%	100%	100	87%	100%
Andariel's Visage	50	5.00%	20.0	64%	100%	200	63%	100%
Skull of Resonance	50	5.00%	20.0	64%	100%	200	63%	100%
	1000	100.00%						
			Legendary Mighty Belt Drop			Belt Gamble		
			chance	# drops / cubes		chance	# gambles	
Mighty Belt	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000
Chilani's Chain	100	15.38%	6.5	96%	100%	130	79%	100%
Dread Iron	100	15.38%	6.5	96%	100%	130	79%	100%
Girdle of Giants	100	15.38%	6.5	96%	100%	130	79%	100%
Immortal King's Tribal Binding	100	15.38%	6.5	96%	100%	130	79%	100%
Lamentation	100	15.38%	6.5	96%	100%	130	79%	100%
The Undisputed Champion	100	15.38%	6.5	96%	100%	130	79%	100%
Pride of Cassius	50	7.69%	13.0	80%	100%	260	54%	100%
	650	100.00%						
			Legendary Pants Drop			Pants Gamble		
			chance	# drops / cubes		chance	# gambles	
Pants	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000
Blackthorne's Jousting Mail	100	14.81%	6.8	96%	100%	68	95%	100%
Depth Diggers	100	14.81%	6.8	96%	100%	68	95%	100%
Immortal King's Stature	100	14.81%	6.8	96%	100%	68	95%	100%
Raekor's Breeches	100	14.81%	6.8	96%	100%	68	95%	100%
Tasset of the Wastes	100	14.81%	6.8	96%	100%	68	95%	100%
Weight of the Earth	100	14.81%	6.8	96%	100%	68	95%	100%
Pox Faulds	50	7.41%	13.5	79%	100%	135	77%	100%
Hexing Pants of Mr, Yan	25	3.70%	27.0	53%	100%	270	52%	100%
	675	100.00%						
			Legendary Shoulders Drop			Shoulders Gamble		
			chance	# drops / cubes		chance	# gambles	
Shoulders	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000
Death Watch Mantle	100	11.76%	8.5	92%	100%	85	91%	100%
Fury of the Ancients	100	11.76%	8.5	92%	100%	85	91%	100%
Homing Pads	100	11.76%	8.5	92%	100%	85	91%	100%
Pauldrons of the Wastes	100	11.76%	8.5	92%	100%	85	91%	100%
Mantle of Channeling	100	11.76%	8.5	92%	100%	85	91%	100%
Raekor's Burden	100	11.76%	8.5	92%	100%	85	91%	100%
Spaulders of Zakara	100	11.76%	8.5	92%	100%	85	91%	100%
Spires of the Earth	100	11.76%	8.5	92%	100%	85	91%	100%
Vile Ward	50	5.88%	17.0	70%	100%	170	69%	100%
	850	100.00%						

			Legendary 1H Axe Drop			1H Weapon Gamble				
			chance	# drops / cubes		chance	# gambles			
Axe	Rarity	Chance	1 out of N	20	200	1 out of N	66	666	drops	drops
Flesh Tearer	100	18.18%	5.5	98%	100%	330	18%	87%	20	200
Genzaniku	100	18.18%	5.5	98%	100%	330	18%	87%	blood shard cost 1H	
Sky Splitter	100	18.18%	5.5	98%	100%	330	18%	87%		75
The Burning Axe of Sankis	100	18.18%	5.5	98%	100%	330	18%	87%	blood shards	blood shards
The Butcher's Sickle	100	18.18%	5.5	98%	100%	330	18%	87%	5000	50000
Hack	50	9.09%	11.0	85%	100%	660	10%	64%	gambles	gambles
	550	100.00%							66	666
			Legendary 1H Dagger Drop			1H Weapon Gamble			legendary gamble chance	
			chance	# drops / cubes		chance	# gambles			
Dagger	Rarity	Chance	1 out of N	20	200	1 out of N	66	666	item types in 1H category	
Pig Sticker	100	40.00%	2.5	100%	100%	150	36%	99%		6
The Barber	100	40.00%	2.5	100%	100%	150	36%	99%	item types shield in category	
Eun-jang-do	50	20.00%	5.0	99%	100%	300	20%	89%		1
	250	100.00%							blood shard cost shield	
			Legendary 1H Mace Drop			1H Weapon Gamble			blood shards	
			chance	# drops / cubes		chance	# gambles		blood shards	blood shards
Mace	Rarity	Chance	1 out of N	20	200	1 out of N	66	666		
Echoing Fury	100	13.33%	7.5	94%	100%	450	14%	77%	5000	50000
Nailbiter	100	13.33%	7.5	94%	100%	450	14%	77%	gambles	gambles
Neanderthal	100	13.33%	7.5	94%	100%	450	14%	77%	200	2000
Nutcracker	100	13.33%	7.5	94%	100%	450	14%	77%		
Odyn Son	100	13.33%	7.5	94%	100%	450	14%	77%		
Sun Keeper	100	13.33%	7.5	94%	100%	450	14%	77%		
Telranden's Hand	100	13.33%	7.5	94%	100%	450	14%	77%		
Solanium	50	6.67%	15.0	75%	100%	900	7%	52%		
	750	100.00%								
			Legendary 1H Mighty Weapon Drop			1H Weapon Gamble				
			chance	# drops / cubes		chance	# gambles			
Mighty Weapon	Rarity	Chance	1 out of N	20	200	1 out of N	66	666		
Ambo's Pride	100	12.50%	8.0	93%	100%	480	13%	75%		
Blade of the Warlord	100	12.50%	8.0	93%	100%	480	13%	75%		
Bul-Kathos's Solemn Vow	100	12.50%	8.0	93%	100%	480	13%	75%		
Bul-Kathos's Warrior Blood	100	12.50%	8.0	93%	100%	480	13%	75%		
Dishonored Legacy	100	12.50%	8.0	93%	100%	480	13%	75%		
Fjord Cutter	100	12.50%	8.0	93%	100%	480	13%	75%		
Oathkeeper	100	12.50%	8.0	93%	100%	480	13%	75%		
Remorseless	100	12.50%	8.0	93%	100%	480	13%	75%		
	800	100.00%								
			Legendary 1H Spear Drop			1H Weapon Gamble				
			chance	# drops / cubes		chance	# gambles			
Spear	Rarity	Chance	1 out of N	20	200	1 out of N	66	666		
Arreat's Law	100	33.33%	3.0	100%	100%	180	31%	98%		
Empyrean Messenger	100	33.33%	3.0	100%	100%	180	31%	98%		
The Three Hundredth Spear	100	33.33%	3.0	100%	100%	180	31%	98%		
	300	100.00%								
			Legendary 1H Sword Drop			1H Weapon Gamble				
			chance	# drops / cubes		chance	# gambles			
Sword	Rarity	Chance	1 out of N	20	200	1 out of N	66	666		
Azurewrath	100	8.70%	11.5	84%	100%	690	9%	62%		
Devil Tongue	100	8.70%	11.5	84%	100%	690	9%	62%		
Exarian	100	8.70%	11.5	84%	100%	690	9%	62%		
Fulminator	100	8.70%	11.5	84%	100%	690	9%	62%		
Gift of Silaria	100	8.70%	11.5	84%	100%	690	9%	62%		
Monster Hunter	100	8.70%	11.5	84%	100%	690	9%	62%		
Sever	100	8.70%	11.5	84%	100%	690	9%	62%		
The Ancient Bonesaber of Zurn	100	8.70%	11.5	84%	100%	690	9%	62%		
Wildwood	100	8.70%	11.5	84%	100%	690	9%	62%		
Doombringer	50	4.35%	23.0	59%	100%	1380	5%	38%		
In-geom	50	4.35%	23.0	59%	100%	1380	5%	38%		
Thunderfury, Blessed Blade of	50	4.35%	23.0	59%	100%	1380	5%	38%		
Little Rogue	25	2.17%	46.0	36%	99%	2760	2%	21%		
Rimeheart	25	2.17%	46.0	36%	99%	2760	2%	21%		
Shard of Hate	25	2.17%	46.0	36%	99%	2760	2%	21%		
The Slanderer	25	2.17%	46.0	36%	99%	2760	2%	21%		
	1150	100.00%								
			Legendary Shield Drop			Shield Gamble				
			chance	# drops / cubes		chance	# gambles			
Shield	Rarity	Chance	1 out of N	20	200	1 out of N	200	2000		
Lidless Wall	100	50.00%	2.0	100%	100%	20	100%	100%	WTF is happening here?!	
Freeze of Deflection	50	25.00%	4.0	100%	100%	40	99%	100%	1 out of 20 cubes for ancient LW	

Stormshield	50	25.00%	4.0	100%	100%	40	99%	100%	1 out of 200 gambles for ancient LW
	200	100.00%							Crazy!

Should I gamble or cube for specific items?

Slot	Set	Gamble Odds 1 out of N	Cube Odds* 1 out of N	Gamble / Cube Diff	Blood Shard Cost Multiplier	Final Diff	
Pants	IK, Raekor, Waste, Earth	68	6.8	10.0	1	10	Good gamble chance. So gambling is fine.
Boots	IK, Raekor, Waste, Earth	78	7.8	10.0	1	10	Good gamble chance. So gambling is fine.
Shoulders	Raekor, Waste, Earth	85	8.5	10.0	1	10	Good gamble chance. So gambling is fine.
Gloves	IK, Raekor, Waste, Earth	93	9.3	10.0	1	10	Good gamble chance. So gambling is fine.
Helm	IK, Raekor, Waste, Earth	100	10.0	10.0	1	10	Good gamble chance. So gambling is fine.
Chest	IK, Raekor, Waste, Earth	105	10.5	10.0	1	10	Good gamble chance. So gambling is fine.
Mighty Belt	IK	130	6.5	20.0	1	20	Noticable difference since you can cube mighty belts directly.
Rings	Focus, Restraint	213	21.3	10.0	2	20	Cubing gets rid of the x2 blood shard multiplier for gambling on rings.
1H Mighty Weapon	BK	480	8.0	60.0	3	180	Insane difference! Do not gamble for 1H mighty weapons, cube them!
1H Axe	Hack	660	11.0	60.0	3	180	Insane difference! Do not gamble for Hack, cube it!
2H Mighty Weapon	IK	300	6.0	50.0	3	150	Insane difference! Do not gamble for 2H mighty weapons, cube them!
2H Mace	Furnace	950	19.0	50.0	3	150	Insane difference! Do not gamble for the Furnace, cube it!

Gamble odds are for normal version only.
Multiply odds for ancient version by 10.

* Odds for cube recipe:
rare-to-legendary

Calculator to answer which recipe should be used to craft any ancient item with the cube:

<http://codepen.io/anon/pen/LNvWJZ>

Ancient Standoff

	Cube odds legendary-to-legendary	Forgotten Souls	Bounty mats each	Cube odds rare-to-legendary	DB	Craft mat each
Number of tries #	10	50	5	35	25	50
1	10.00%	50	5	2.86%	25	50
2	19.00%	100	10	5.63%	50	100
3	27.10%	150	15	8.33%	75	150
4	34.39%	200	20	10.95%	100	200
5	40.95%	250	25	13.49%	125	250
6	46.86%	300	30	15.96%	150	300
7	52.17%	350	35	18.37%	175	350
8	56.95%	400	40	20.70%	200	400
9	61.26%	450	45	22.96%	225	450
10	65.13%	500	50	25.16%	250	500
15	79.41%	750	75	35.26%	375	750
25	92.82%	1250	125	51.55%	625	1250
50	99.48%	2500	250	76.53%	1250	2500
181	100.00%			99.47%	4525	9050
		2500	250		4525	9050
		2500forgotten soul		equals	4525DB	
		250bounty mat		equals	9050crafting mat	
		50forgotten soul		equals	90.50DB	
		5bounty mat		equals	181.00crafting mat	

Any Ancient 2H Mighty Weapon (all having the same odds)						
	Cube odds legendary-to-legendary	Forgotten Souls	Bounty mats each	Cube odds rare-to-legendary	DB	Craft mat each
Number of tries #	10	50	5	60	25	50
1	10.00%	50	5	1.67%	25	50
2	19.00%	100	10	3.31%	50	100
3	27.10%	150	15	4.92%	75	150
4	34.39%	200	20	6.50%	100	200
5	40.95%	250	25	8.06%	125	250
6	46.86%	300	30	9.59%	150	300
7	52.17%	350	35	11.10%	175	350
8	56.95%	400	40	12.58%	200	400
9	61.26%	450	45	14.04%	225	450
10	65.13%	500	50	15.47%	250	500
15	79.41%	750	75	22.28%	375	750
25	92.82%	1250	125	34.31%	625	1250
50	99.48%	2500	250	56.84%	1250	2500
100	100.00%			81.38%	2500	5000
200	100.00%			96.53%	5000	10000
300	100.00%			99.35%	7500	15000
313	100.00%			99.48%	7825	15650
		2500	250		7825	15650
		2500 forgotten soul		equals	7825 DB	
		250 bounty mat		equals	15650 crafting mat	
		50 forgotten soul		equals	156.50 DB	
		5 bounty mat		equals	313.00 crafting mat	

Any Ancient 1H Mighty Weapon (all having the same odds)						
	Cube odds legendary-to-legendary	Forgotten Souls	Bounty mats each	Cube odds rare-to-legendary	DB	Craft mat each
Number of tries #	10	50	5	80	25	50
1	10.00%	50	5	1.25%	25	50
2	19.00%	100	10	2.48%	50	100
3	27.10%	150	15	3.70%	75	150
4	34.39%	200	20	4.91%	100	200
5	40.95%	250	25	6.10%	125	250
6	46.86%	300	30	7.27%	150	300
7	52.17%	350	35	8.43%	175	350
8	56.95%	400	40	9.57%	200	400
9	61.26%	450	45	10.70%	225	450
10	65.13%	500	50	11.82%	250	500
15	79.41%	750	75	17.19%	375	750
25	92.82%	1250	125	26.98%	625	1250
50	99.48%	2500	250	46.68%	1250	2500
100	100.00%			71.57%	2500	5000
200	100.00%			91.92%	5000	10000
300	100.00%			97.70%	7500	15000
418	100.00%			99.48%	10450	20900
		2500	250		10450	20900
		2500forgotten soul		equals	10450DB	
		250bounty mat		equals	20900crafting mat	
		50forgotten soul		equals	209.00DB	
		5bounty mat		equals	418.00crafting mat	

Ancient Hack

	Cube odds legendary-to-legendary	Forgotten Souls	Bounty mats each	Cube odds rare-to-legendary	DB	Craft mat each
Number of tries #	10	50	5	110	25	50
1	10.00%	50	5	0.91%	25	50
2	19.00%	100	10	1.81%	50	100
3	27.10%	150	15	2.70%	75	150
4	34.39%	200	20	3.59%	100	200
5	40.95%	250	25	4.46%	125	250
6	46.86%	300	30	5.33%	150	300
7	52.17%	350	35	6.19%	175	350
8	56.95%	400	40	7.05%	200	400
9	61.26%	450	45	7.89%	225	450
10	65.13%	500	50	8.73%	250	500
15	79.41%	750	75	12.80%	375	750
25	92.82%	1250	125	20.41%	625	1250
50	99.48%	2500	250	36.66%	1250	2500
100	100.00%			59.88%	2500	5000
200	100.00%			83.90%	5000	10000
300	100.00%			93.54%	7500	15000
575	100.00%			99.48%	14375	28750
		2500	250		14375	28750
		2500forgotten soul		equals	14375DB	
		250bounty mat		equals	28750crafting mat	
		50forgotten soul		equals	287.50DB	
		5bounty mat		equals	575.00crafting mat	

Ancient Furnace

Number of tries #	Cube odds		Bounty mats each		Cube odds	
	legendary-to-legendary	Forgotten Souls	rare-to-legendary	DB	Craft mat each	
1	10.00%	50	5	0.53%	25	50
2	19.00%	100	10	1.03%	50	100
3	27.10%	150	15	1.57%	75	150
4	34.39%	200	20	2.09%	100	200
5	40.93%	250	25	2.60%	125	250
6	46.86%	300	30	3.12%	150	300
7	52.17%	350	35	3.63%	175	350
8	56.93%	400	40	4.13%	200	400
9	61.26%	450	45	4.64%	225	450
10	65.13%	500	50	5.14%	250	500
15	79.41%	750	75	7.61%	375	750
25	92.82%	1250	125	12.36%	625	1250
50	99.48%	2500	250	23.19%	1250	2500
100	100.00%			41.00%	2500	5000
200	100.00%			65.20%	5000	10000
300	100.00%			79.47%	7500	15000
995	100.00%			99.48%	24875	49750
		2500	250		24875	49750
		2500forgotten soul		equals	24875DB	
		2500bounty mat		equals	49750crafting mat	
		50forgotten soul		equals	497.50DB	
		5bounty mat		equals	995.00crafting mat	

Crafting any Furnace for Cube Extraction

Sidequest... crafting any Furnace with rare-to-legendary (1 out of 19)

Number of tries #	Cube odds		DB		Craft mat each	
	rare-to-legendary	DB	Craft mat each			
10	41.76%	250	500			
20	66.09%	500	1000			
30	80.25%	750	1500			
40	88.50%	1000	2000			
50	93.30%	1250	2500			
60	96.10%	1500	3000			
70	97.73%	1750	3500			
80	98.68%	2000	4000			
90	99.23%	2250	4500			
100	99.55%	2500	5000			
110	99.74%	2750	5500			
120	99.85%	3000	6000			
130	99.91%	3250	6500			
140	99.95%	3500	7000			
150	99.97%	3750	7500			
160	99.98%	4000	8000			
170	99.99%	4250	8500			
180	99.99%	4500	9000			
190	100.00%	4750	9500			

3.9% of all players will not have gotten it after
1500 DB and 3000 crafting mats
The rest will.

Gambling Furnace on Low Level Barbarian for Cube extraction

Sidequest... gambling on a low level Barbarian -lv127 (1 out of 550)

Number of tries #	Cube odds		Blood Shards	
	rare-to-legendary	Blood Shards		
100	16.64%	7500		
200	30.51%	15000		
300	42.07%	22500		
400	51.71%	30000		
500	59.38%	37500		
600	66.44%	45000		
700	72.03%	52500		
800	76.68%	60000		
900	80.56%	67500		
1000	83.79%	75000		
1100	86.49%	82500		
1200	88.74%	90000		
1300	90.61%	97500		
1400	92.17%	105000		
1500	93.48%	112500		
1600	94.50%	120000		
1700	95.47%	127500		
1800	96.22%	135000		
1900	96.83%	142500		

**For sake of your own sanity,
DO NOT EVER GAMBLE FOR FURNACE AT KADALA!!!**

Ancient Lidless Wall

	Cube odds legendary-to-legendary	Forgotten Souls	Bounty mats each	Cube odds rare-to-legendary	DB	Craft mat each
Number of tries #	10	50	5	20	25	50
1	10.00%	50	5	5.00%	25	50
2	19.00%	100	10	9.75%	50	100
3	27.10%	150	15	14.26%	75	150
4	34.39%	200	20	18.55%	100	200
5	40.95%	250	25	22.62%	125	250
6	46.86%	300	30	26.49%	150	300
7	52.17%	350	35	30.17%	175	350
8	56.95%	400	40	33.66%	200	400
9	61.26%	450	45	36.98%	225	450
10	65.13%	500	50	40.13%	250	500
15	79.41%	750	75	53.67%	375	750
25	92.82%	1250	125	72.26%	625	1250
50	99.48%	2500	250	92.31%	1250	2500
102	100.00%			99.47%	2550	5100
		2500	250		2550	5100
		2500forgotten soul		equals	2550DB	
		250bounty mat		equals	5100crafting mat	
		50forgotten soul		equals	51.00DB	
		5bounty mat		equals	102.00crafting mat	

Ancient Shard of Hate

	Cube odds legendary-to-legendary	Forgotten Souls	Bounty mats each	Cube odds rare-to-legendary	DB	Craft mat each
Number of tries #	10	50	5	460	25	50
1	10.00%	50	5	0.22%	25	50
2	19.00%	100	10	0.43%	50	100
3	27.10%	150	15	0.65%	75	150
4	34.39%	200	20	0.87%	100	200
5	40.95%	250	25	1.08%	125	250
6	46.86%	300	30	1.30%	150	300
7	52.17%	350	35	1.51%	175	350
8	56.95%	400	40	1.73%	200	400
9	61.26%	450	45	1.94%	225	450
10	65.13%	500	50	2.15%	250	500
15	79.41%	750	75	3.21%	375	750
25	92.82%	1250	125	5.30%	625	1250
50	99.48%	2500	250	10.31%	1250	2500
2415	100.00%			99.48%	60375	120750
		2500	250		60375	120750
		2500forgotten soul		equals	60375DB	
		250bounty mat		equals	120750crafting mat	
		50forgotten soul		equals	1,207.50DB	
		5bounty mat		equals	2,415.00crafting mat	