

Benchmark Tests (Direct)							
Test Name	Action Name	Foundation	LooksRare	Seaport	sudoswap	Wyvern	X2Y2
ERC721 -> ETH List-On-Chain	List	74027(+103%)	✗	36438	96681(+165%)	55581(+53%)	✗
	Fulfill	92295(+83%)	✗	55524(+10%)	50363	115357(+129%)	✗
ERC721 -> ETH	Fulfill, w/ Sig	✗	170239(+127%)	75076	✗	102735(+37%)	120394(+60%)
ERC1155 -> ETH List-On-Chain	List	✗	✗	29938	✗	53604(+79%)	✗
	Fulfill	✗	✗	52117	✗	104257(+100%)	✗
ERC1155 -> ETH	Fulfill, w/ Sig	✗	112705(+49%)	75669	✗	105664(+40%)	✗
ERC721 -> ERC20 List-On-Chain	List	✗	✗	29938	94684(+216%)	51081(+71%)	✗
	Fulfill	✗	✗	61800	77802(+26%)	119818(+94%)	✗
ERC721 -> ERC20	Fulfill, w/ Sig	✗	102200(+20%)	85352	✗	114696(+34%)	138770(+63%)
ERC1155 -> ERC20 List-On-Chain	List	✗	✗	29938	✗	53604(+79%)	✗
	Fulfill	✗	✗	62507	✗	116218(+86%)	✗
ERC1155 -> ERC20	Fulfill w/ Sig	✗	103583(+20%)	86059	✗	117596(+37%)	✗
ERC20 -> ERC721 List-On-Chain	List	✗	✗	29938(+30%)	22946	51081(+123%)	✗
	Fulfill	✗	✗	61936	64088(+3%)	113339(+83%)	✗
ERC20 -> ERC721	Fulfill w/ Sig	✗	102214(+20%)	85488	✗	114746(+34%)	136823(+60%)
ERC20 -> ERC1155 List-On-Chain	List	✗	✗	29938	✗	53604(+79%)	✗
	Fulfill	✗	✗	62560	✗	116239(+86%)	✗
ERC20 -> ERC1155	Fulfill w/ Sig	✗	103597(+20%)	86112	✗	117646(+37%)	✗
ERC721 -> ERC1155 List-On-Chain	List	✗	✗	29938	✗	✗	✗
	Fulfill	✗	✗	70967	✗	✗	✗
ERC721 -> ERC1155	Fulfill w/ Sig	✗	✗	94580	✗	✗	✗
ERC1155 -> ERC721 List-On-Chain	List	✗	✗	29938	✗	✗	✗
	Fulfill	✗	✗	70967	✗	✗	✗
ERC1155 -> ERC721	Fulfill w/ Sig	✗	✗	94580	✗	✗	✗
ERC721 -> ETH One-Fee-Recipient List-On-Chain	List	50227(+64%)	✗	30646	✗	51081(+67%)	✗
	Fulfill	102845(+21%)	✗	85277	✗	133754(+57%)	✗
ERC721 -> ETH One-Fee-Recipient	Fulfill w/ Sig	✗	✗	110829	✗	139161(+26%)	134873(+22%)
ERC721 -> ETH Two-Fee-Recipient List-On-Chain	List	✗	✗	31359	✗	✗	✗
	Fulfill	✗	✗	119029	✗	✗	✗
ERC721 -> ETH Two-Fee-Recipient	Fullfil /w Sig	✗	✗	142581	✗	✗	168632(+18%)
ERC721x10 -> ETH List-On-Chain	List	✗	✗	35449	570194(+1508%)	77542(+119%)	✗
	Fulfill	✗	✗	147027(+19%)	123818	447450(+261%)	✗
ERC721x10 -> ETH	Fulfill /w Sig	✗	✗	152641	✗	428357(+181%)	176512(+16%)
ERC721x10 -> ETH Distinct Orders List-On-Chain	List	✗	✗	290235	956788(+230%)	✗	✗
	Fulfill	✗	✗	405732(+5%)	386803	✗	✗
ERC721x10 -> ETH Distinct Orders	Fulfill /w Sigs	✗	✗	638007	✗	✗	694729(+9%)
ERC721x10 -> ERC20 Distinct Orders List-On-Chain	List	✗	✗	290235	✗	✗	✗
	Fulfill	✗	✗	413748	✗	✗	✗
ERC721x10 -> ERC20 Distinct Orders	Fulfill /w Sigs	✗	✗	648023	✗	✗	933079(+44%)
ERC721 A -> B -> C -> A	Fulfill /w Sigs	✗	✗	206132	✗	✗	✗